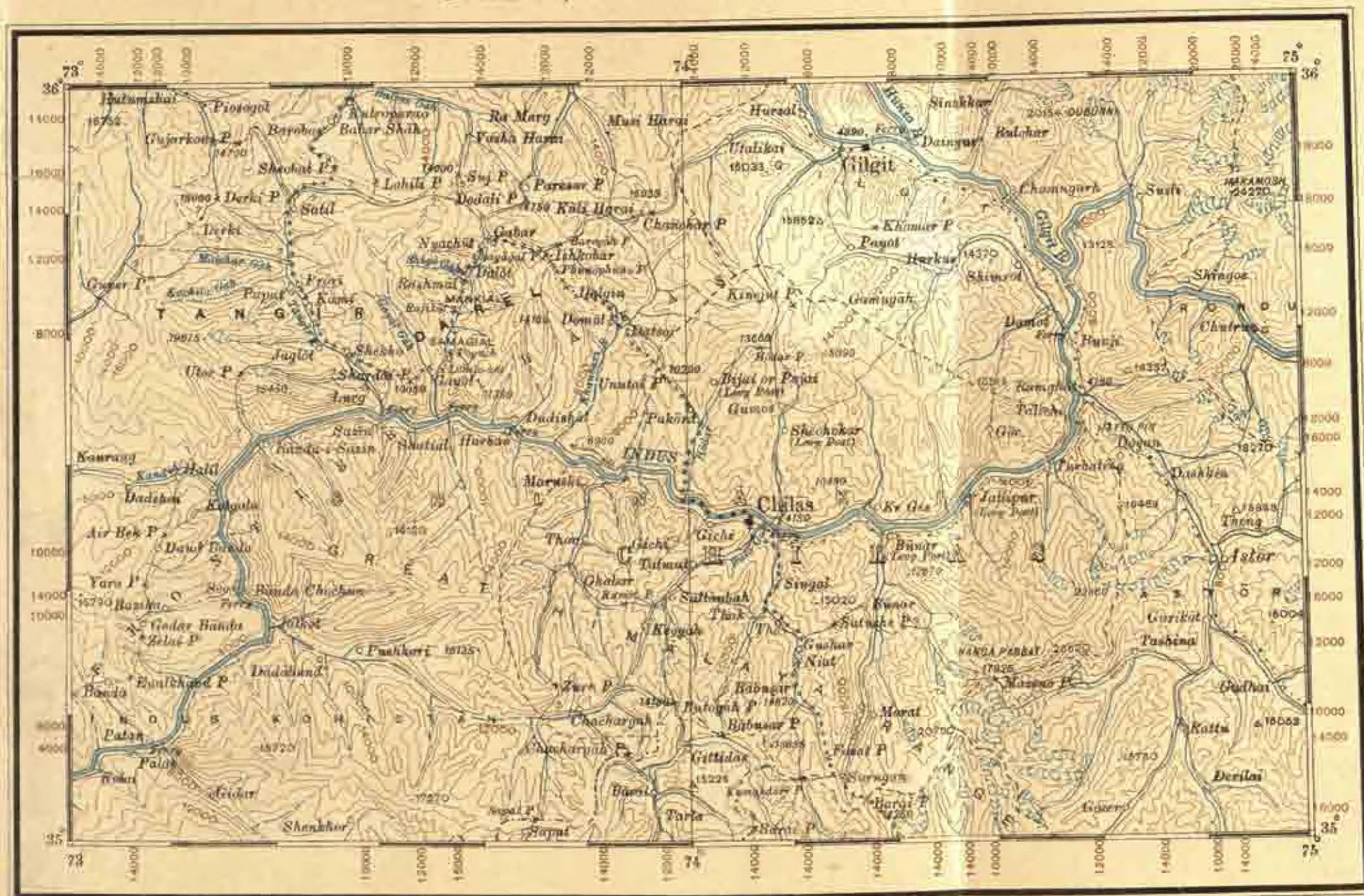


MAP TO ILLUSTRATE ROUTES
FOLLOWED BY
19150
SIR AUREL STEIN
THROUGH
CHILĀS, DARĒL AND TANGĪR



Trigonometrical heights in feet 17270

Based on Survey of India Sheets 43 E and 1

Approximate heights in feet 9949

Bridge road or foot path, with pass ————

Scale 1:780,320 or 1 inch to 12 miles
Miles 0 10 20 30

Telegraph line ————

Contours, at 2000 feet, are approximate

Routes followed by Sir Aurel Stein ————

His. No. 2587 E. 24. 1915



Printed by S. I. O. Calcutta

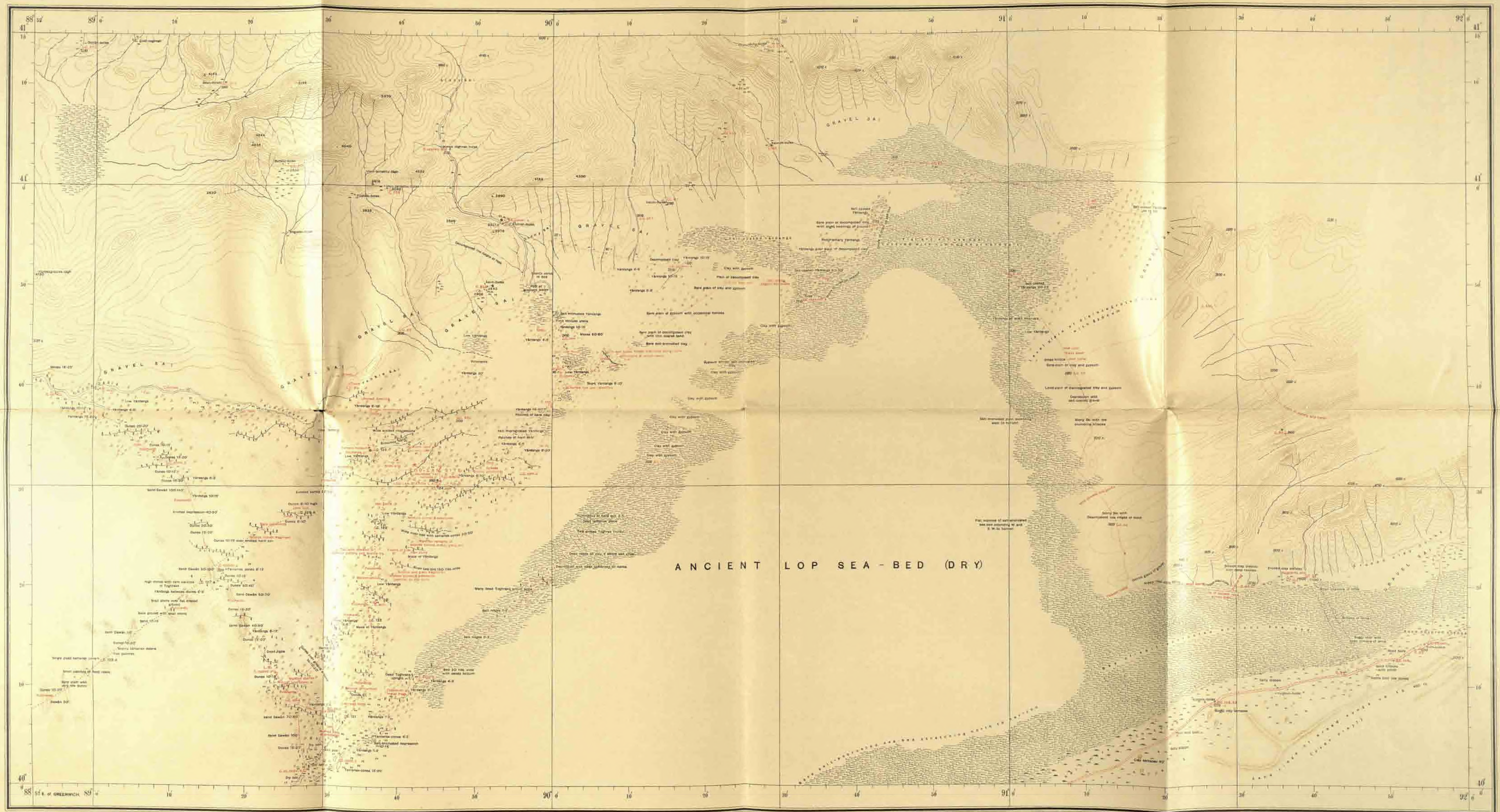
CENTRAL BOTANICAL
LIBRARY

Acc. No. 12150
Date 8-12-61
Call No. 913-5/Ste.



CATALOGUED.

MAP OF THE LOP DESERT
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K.C.I.E.
1906-7, 1914.



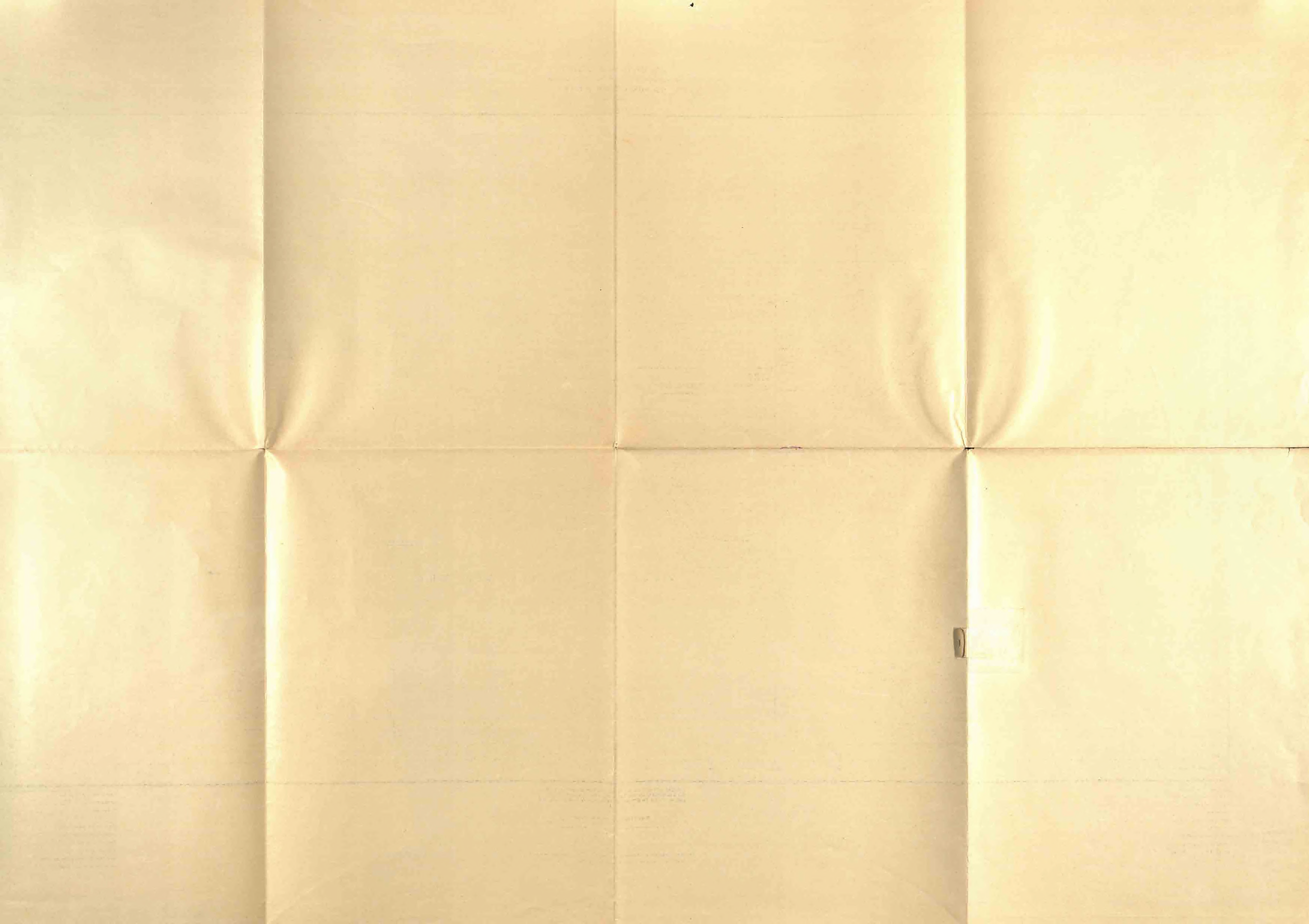
Enlarged, with additions and corrections, from sheets Nos. 29, 32 of the Map Series of Chinese Turkestan and Kansu, scale 1:500,000, published under the direction of the Surveyor General of India, 1918.

Scale 1:3,16,800 on 1 inch to 5 miles

For corrections to be applied to the positions and heights of triangulated points, as shown in this sheet, see the list of latitudes, longitudes, etc., in Appendix 4 to Sir A. Stein's Memoir on maps of Chinese Turkestan and Kansu.

Latitude from Greenwich 91° 15' 30" N. to 92° 15' 30" N.
Longitude from Greenwich 88° 15' 30" E. to 89° 15' 30" E.
Heights by aneroid: 1000 to 1200
Heights by barometer: 1000 to 1200
Orthographic area
Elevation: 1000 to 1200
Hard salt crust
Salt-encrusted clay: hard, white
Tamarisk: dense, living, green
Wild uncultivated (Thymus): living, dead
Tamarisk: living, dead

Reeds or low scrub: living, dead
Spring: wet
Caravan track
Fort, ancient
Ruined dwelling, mound (9000)
Ancient site, watch-tower, cairn
Route with camp, 1906-07
Route with camp, 1914
Camp of Sir A. Stein and Aurel Stein in 1904
Camp of R. B. Lal Singh in 1914

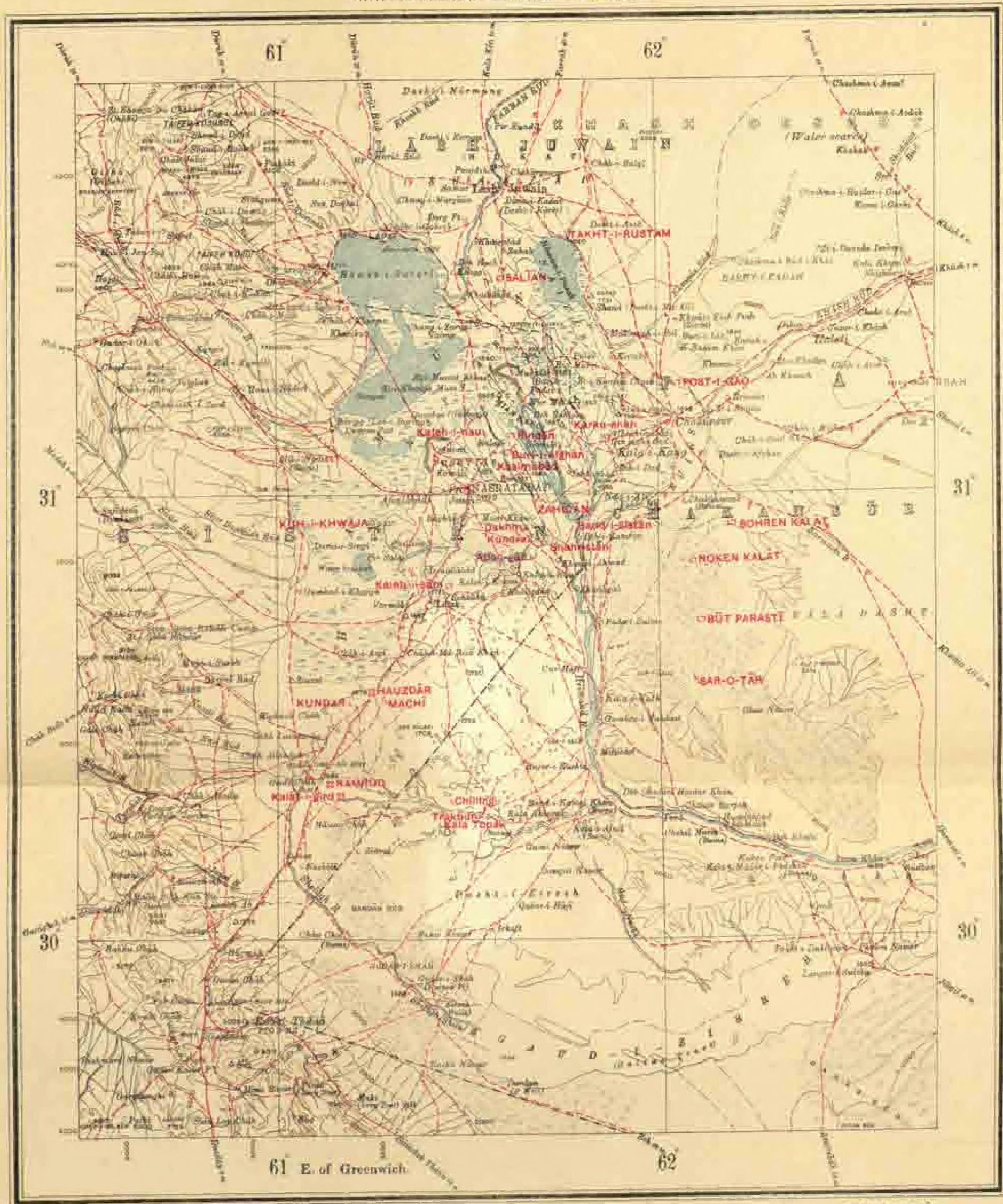


MAP OF PORTIONS OF

SĪSTĀN

BASED ON SHEET No. 30 OF THE SURVEY OF INDIA

WITH ADDITIONS BY SIR AUREL STEIN, K.C.I.E.



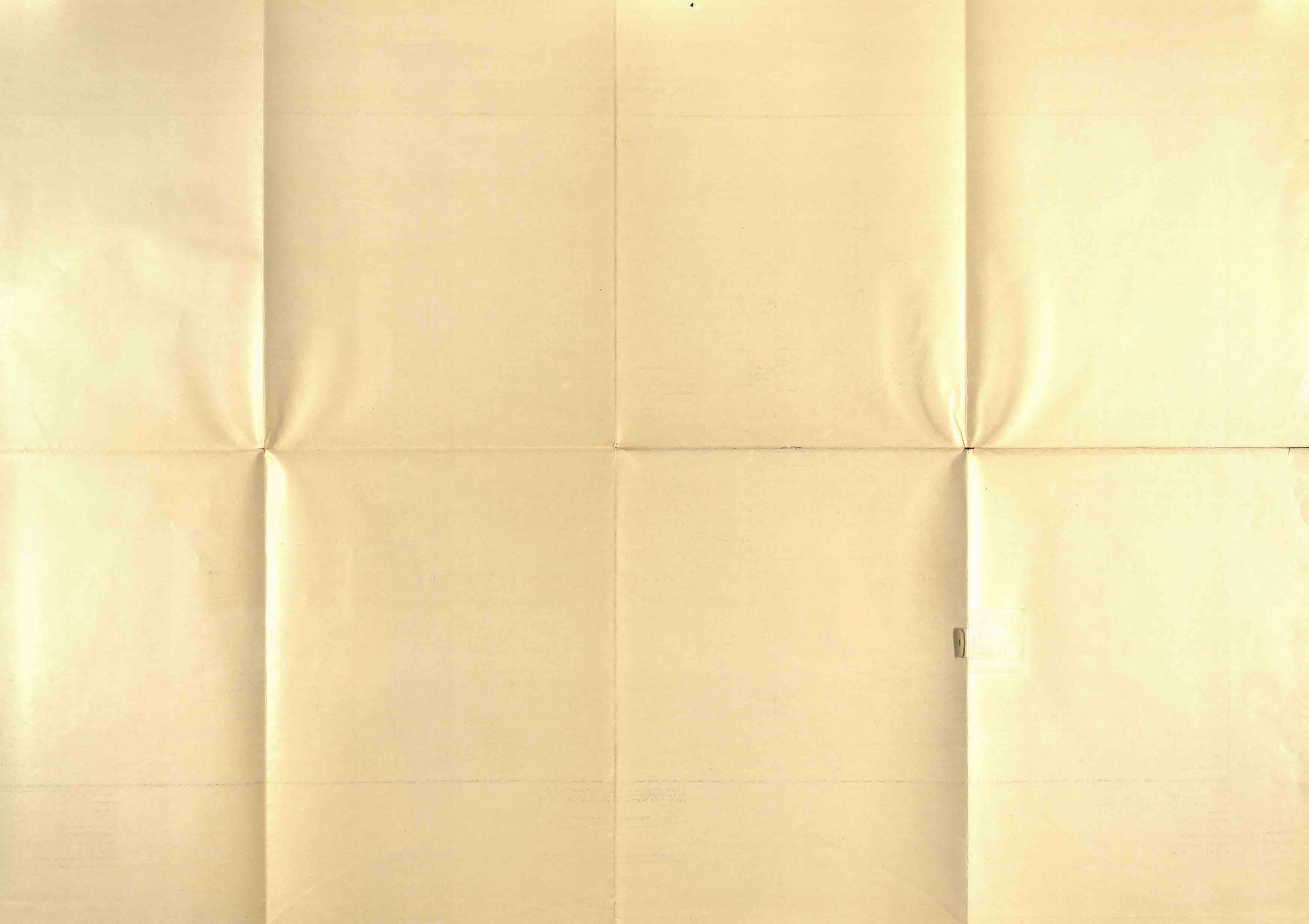
Reg. No. 552 E.D.O. 1927-750

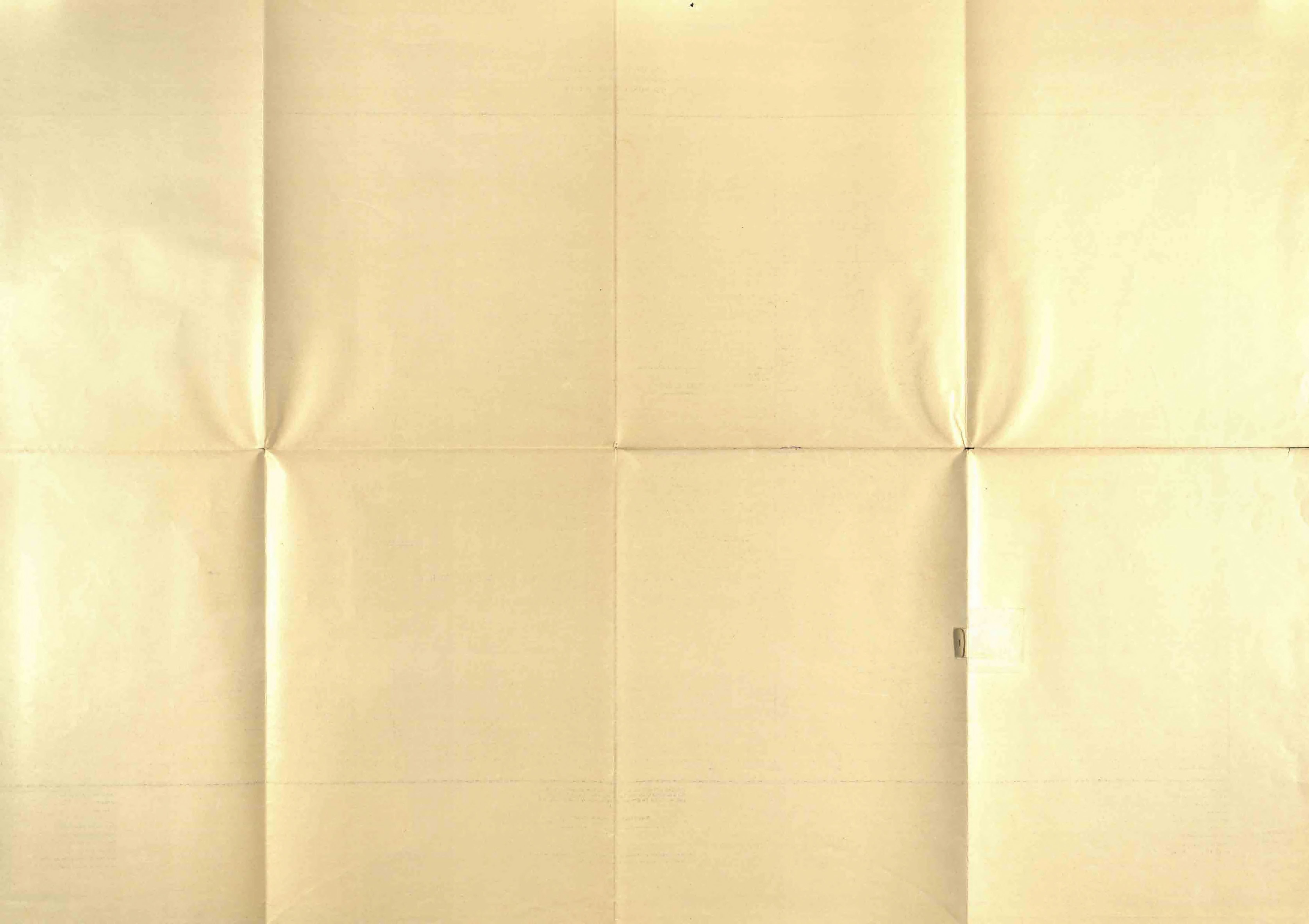
Scale 1:500,000 or 1 inch to 16 miles

HELD & CO. DUBLIN

Contours are indicated by lines of different heights, shaded, brown, etc., when possibly visible, water and other in blue.

Red lines show main roads.
 Dotted lines show minor roads.
 Dashed lines show boundaries of the
 British and Russian possessions.
 Red lines show the route of the
 British and Russian possessions.



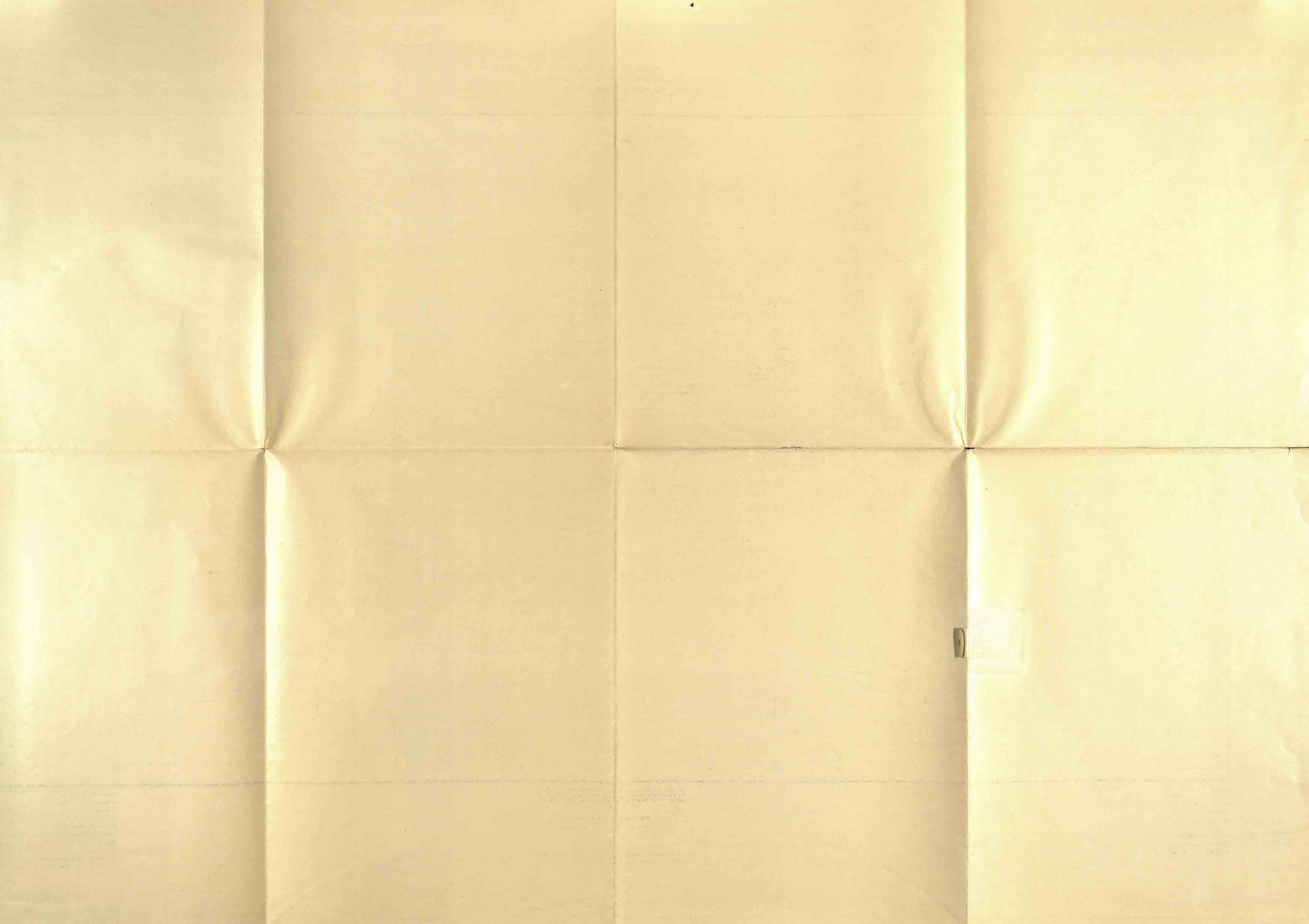


12150

INDEX
TO MAPS OF PORTIONS OF
CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.
1900-01, 1906-08, 1913-15

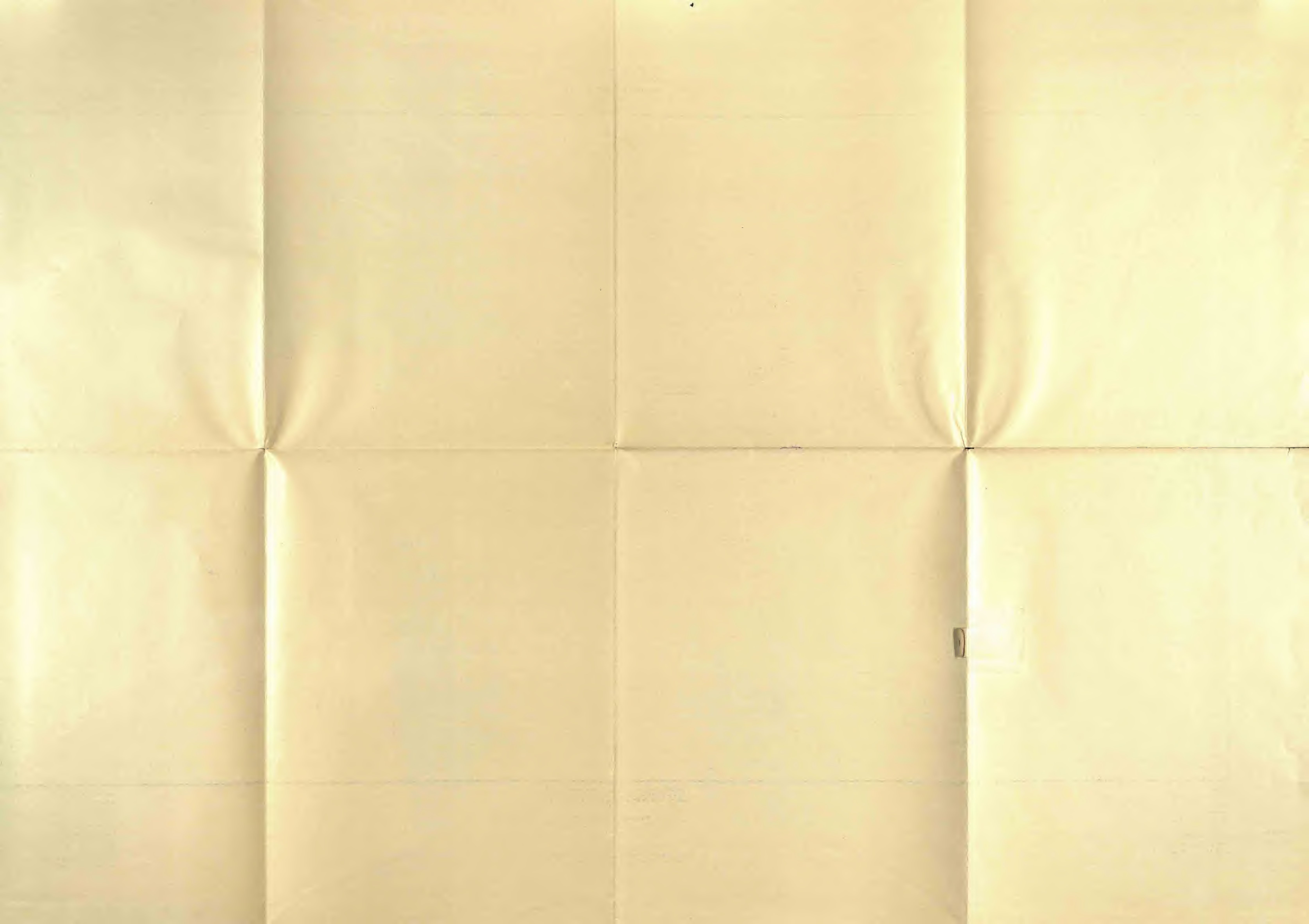
Scale 1:3,000,000 or 47.34 Miles-1 inch





SERIAL No. 1





CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 42 N.E.

KASHGAR, MUZTÄGH-ATÄ.

SERIAL No. 2



Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights by theodolite, by aneroid

Heights by barometer or hypsometer

Perpetual snow (approximate)

Drift sand areas

Erosion terraces, Mesa, Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub, living; dead

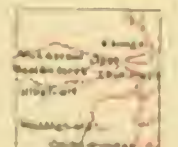
Sandy tract with scrub or jungle

Tamarisk cones, living; dead

Wild poplars (Tograkas), living; dead

Tamarisks, living; dead; Conifers

Index to localities



Published under the direction of Colonel C. H. O. Ryder, C.I.E., D.S.O., R.E., Surveyor-General of India.

Scale 1: 100,000 or 1: 1014 inches to 1 mile

1000 1000 1000 1000 1000 1000 1000 1000 1000 1000

EXPLANATION OF SOME (TUNN) AND CHINESE TERMS

Bulak	Spring	Kul, Koi	Lake	Pao-tai, Pa-tai	Walled village
Shap	Hill stream	Kun	Land	Sar	Desert of coarse gravel
Darya	River	Kunghu	Roads	Shan (Chin.)	Mountain
Dawan	Pass	Kunghu	Tower	Ta-lan (Chin.)	Pass
Doog	Hill	Kunghu	Rest house	Tigh	Mountain
Ho (Chin.)	River	Kunghu	Point's tomb	Togras	Pass
Jigs, J.	Valley	Kunghu	Temple	Ustang	Canal
Kasul	Watch station	Kunghu	Shaguni station	Taluk, Talukh	Grazing ground

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets



Spring, Well, Karez.

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort, ancient, recent, Mine

Temporarily occupied hut

Frontier wall, ancient, recent

Walled town, extent, ruined, Ruined mound (Stupa)

Ancient site, watch-tower, Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Maj. Yakub Khan in 1913-15

Camps of Sir A. Stein and Atake Gul in 1913-15

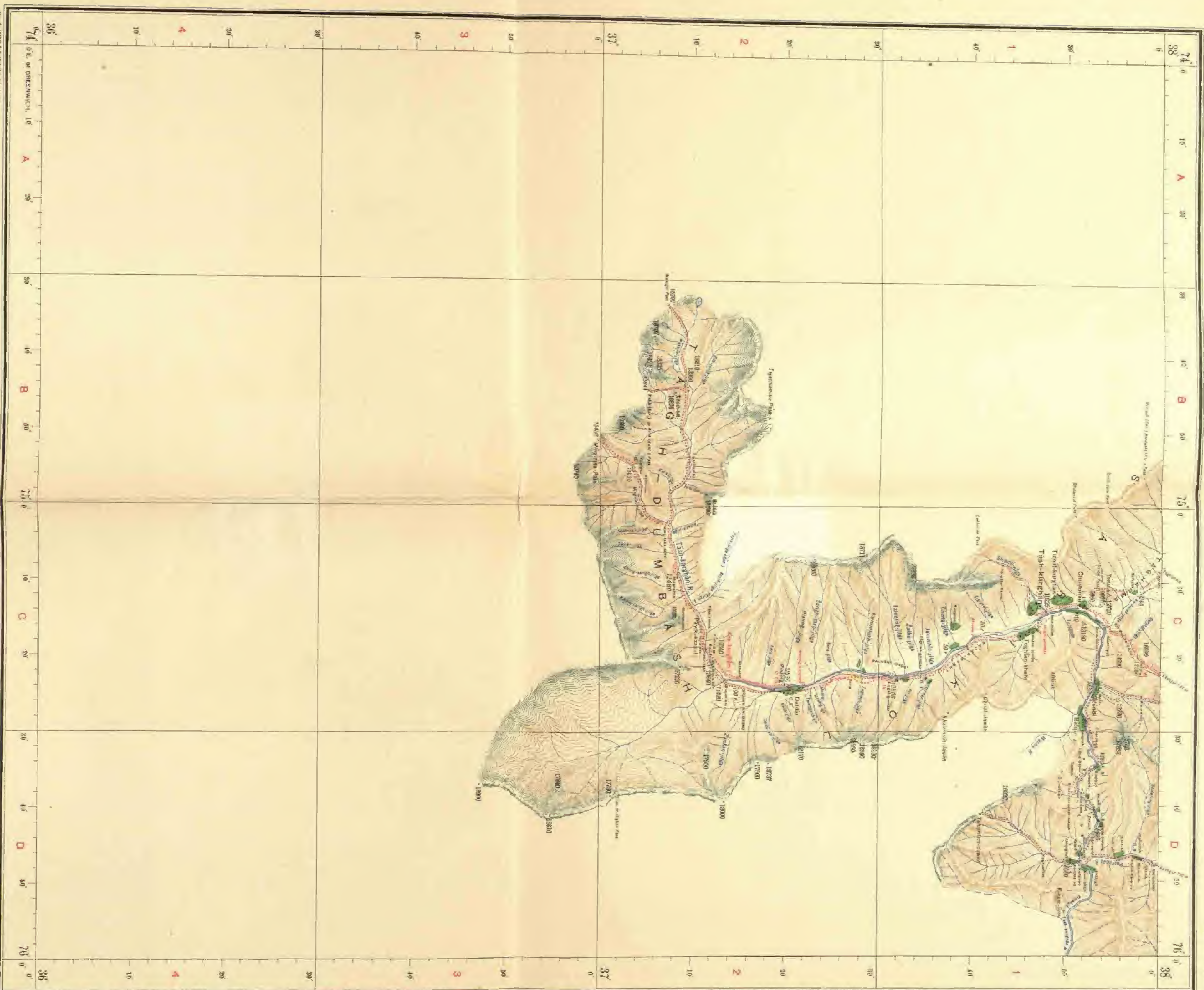
Camps of R. B. Lal Singh in 1913-15

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K.C.I.E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 42 S.E.

SARIKOL

SERIAL No. 3



Latitude 36° 0' to 38° 0' N. Longitude 74° 0' to 76° 0' E.

Scale 1 inch = 5 miles

Published under the direction of Colonel C. H. D. Roper, C.I.E., D.S.O., R.E., 1915, Survey General of India.

INDEX TO LOCALITIES

EXPLANATION OF SOME TERMS AND CHINESE TERMS

Spring, well, karez

Main road

Other roads and paths with names

Telegraph line

Temple, Mikramshah shrine, sacred tomb

Fort, ancient, recent, Maue

Temporarily occupied hut

Frontier wall, ancient, recent

Water town, recent, ruined, mound (Steupa)

Ancient site, watch-tower, Caern

Route with camp, 1900-01

Route with camp, 1906-08

Camps of Sir A. Stein and Sir A. Stein and Sir A. Stein

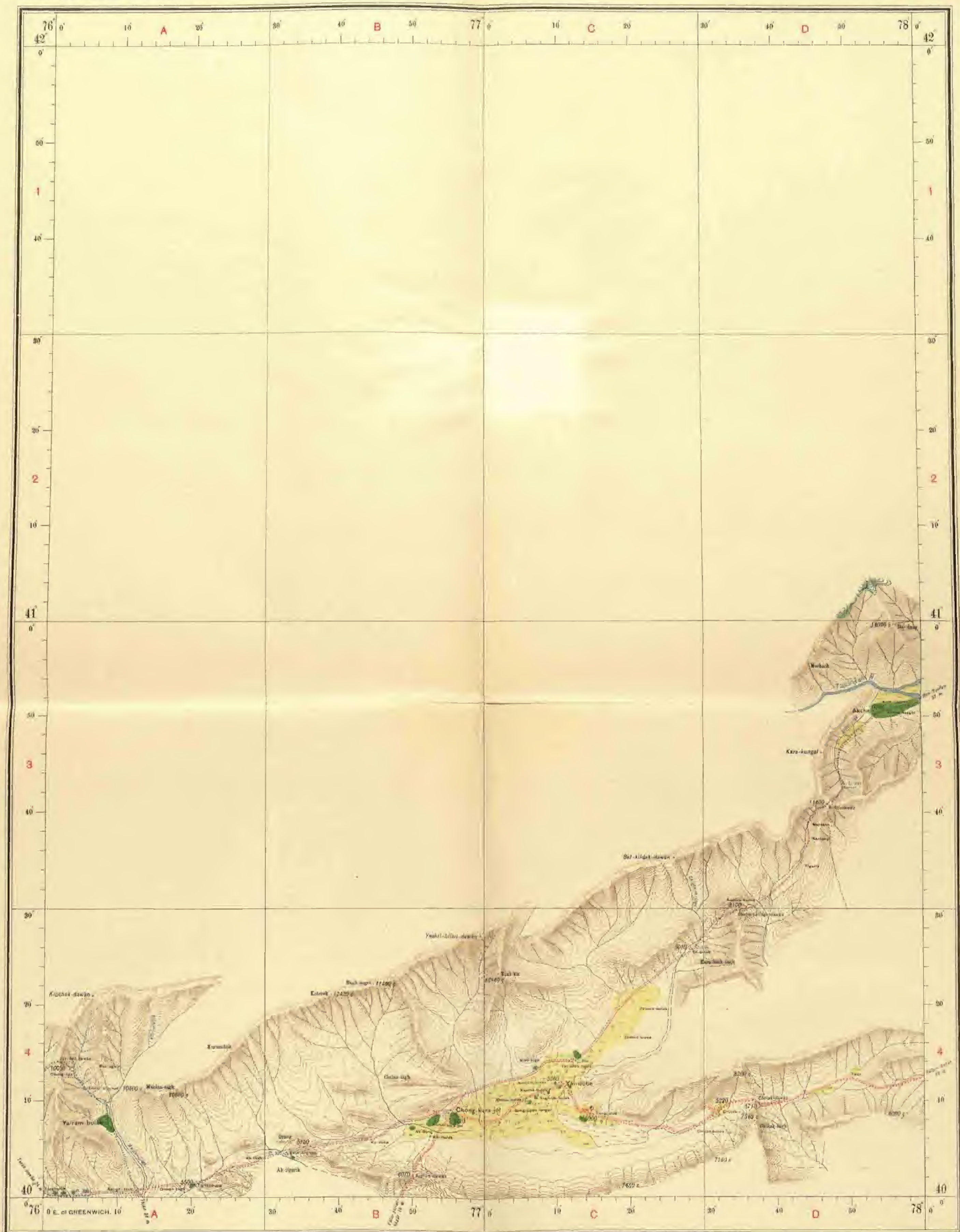


CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1905-08, 1913-15.

PART OF SHEET No. N. K-43
(CARTE INTERNATIONALE DU MONDE)

YAI-DÖBE.

SERIAL No. 4



Scale 1:500,000 or 1:101,196 inches to 8 Miles

Published under the direction of Colonel Sir G. G. Burrard, K.C.B., R.E., F.R.S., Surveyor-General of India, 1915

Index to localities

Height by theodolite, by aneroid

Height by barometer or hypsometer

Perpetual snow (approximate)

Drift sand area

Erosion terraces: MESA, YARKAND

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation, unsurveyed

Edges of cultivation, etc., where surveyed

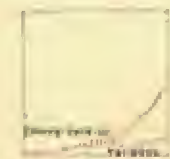
Reeds or low scrub, living, dead

Sandy tract with scrub or jungle

Tamarisk cones, living, dead

Wild poplars (Tograk): living, dead

Tamarisks, living, dead. Counters



EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kol	Lake	P'ao-tai, Po-tai	Walled village
Chau	Hill stream	Kun	Sand	Shan (Chin.)	Desert of stone or gravel
Darya	River	Kumush	Roads	Shan (Chin.)	Mountain
Dawin	Pass	Kurgan	Towers	Tagh	Pass
Dong	Hill	Langar, Lr	Rest house	Tughak	Mountain
Hs (Chin.)	River	Mazir, Mr	Santa-jung	Udang	Poplar
Jilga, J	Valley	Miao (Chin.)	Tamga	Udang	Canal
Kanul	Watch station	Oghit	Shepherd station	Falka, Falkah	Grassland

Streets etc., which generally contain water are shown in blue

Index to adjoining sheets



Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomo

Fort: ancient, recent, Mine

Temporarily occupied fort

Frontier wall: ancient, recent

Walled town: extant, ruined, ruined mound (Güpa)

Ancient site, watch-tower, Cairn

Route with camp, 1900-01

Route with camp, 1908-09

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Mr. G. J. in 1913-15

Camps of R. B. L. Singh in 1913-15

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

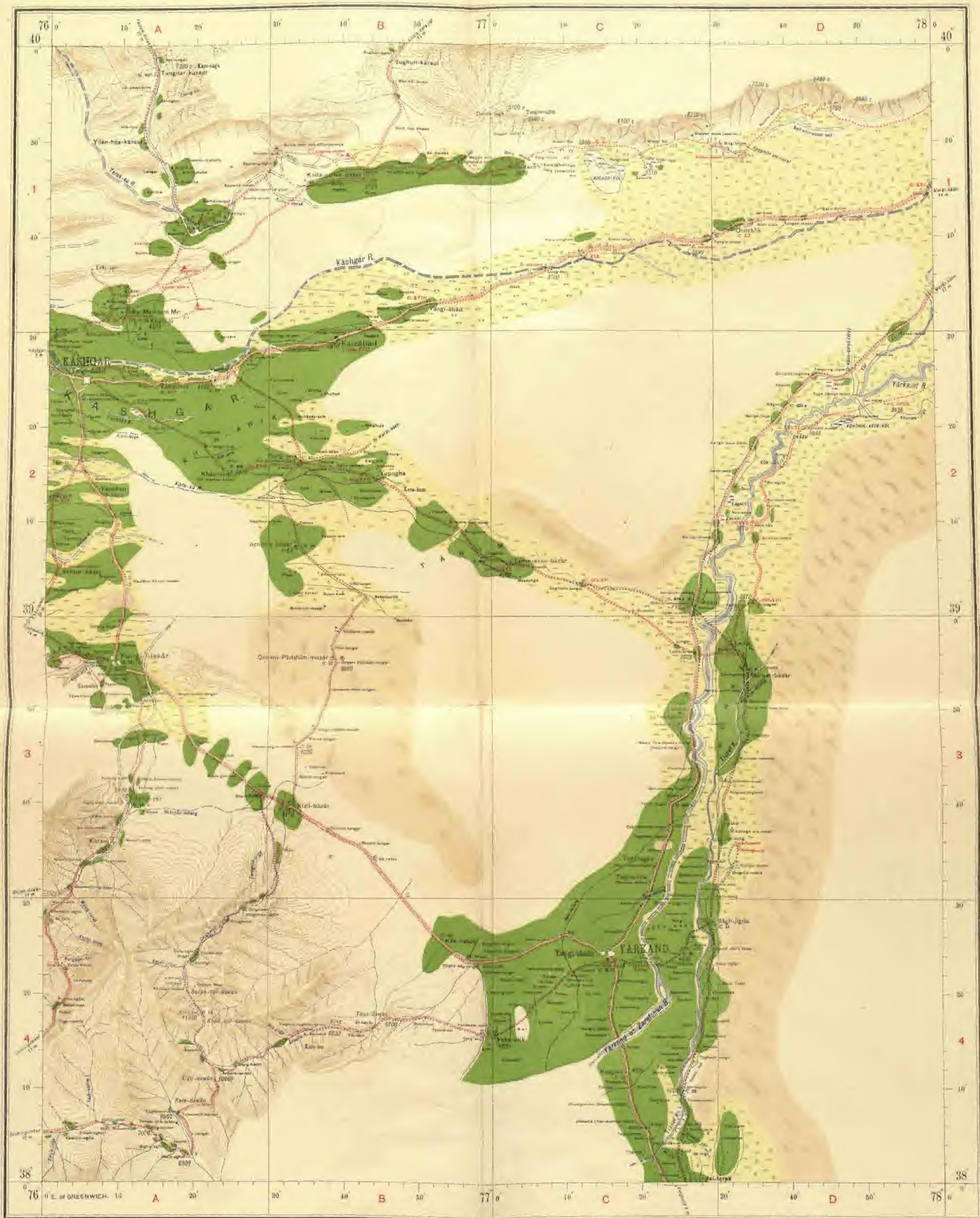
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

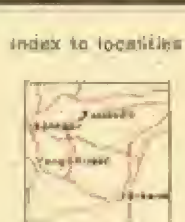
SURVEY OF INDIA No. 51 N.W.

YANGI-HISSAR, YARKAND.

SERIAL No. 5



Latitude by Astronomical Observations
Longitude by Astronomical Observations
Heights by theodolite: by clinometer
Heights by barometer or hypsometer
Perpetual snow (approximate)
Drift-sand area
Erosion terraces. Mass. Vardang
Hard salt crust
Hard salt-encrusted clay
Soft salt-encrusted clay
Cultivation: unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub: living: dead
Sandy tract with scrub or jungle
Tamarisk: living: dead
Wild poplars (Tograks): living: dead
Tamarisks: living: dead: Coriaria

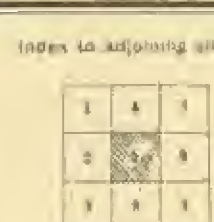


Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., O.B., Surveyor-General of India
Scale 1:500,000 or 1:1014 inches to 8 Miles
1881

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Xu	Lake	Pasir, Pa-tsu	Desert of sand or gravel
Chap	Hill station	Fum	Salt	Shan (Chin.)	Mountain
Darak	River	Kumuk	Reeds	Tai-jin (Chin.)	Pass
Dawda	Pass	Kushan	Town	Tai-jin (Chin.)	Mountain
Dong	Hill	Lungar, Lu	West house	Tograk	Poplar
Hu (Chin.)	River	Makar, Ma	South house	Uzung	Canal
Jila, J	Valley	Mia, Chia	Temple		Grazing ground
Karai	Watch station	Oghli	Stoppage station		

Shading on which generally indicates water and shade in rivers



Spring, Well, Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, Rabat (mosque)
Fort: ancient; recent. Mine
Temporarily occupied hut
Frontier wall: ancient; recent
Walled town: extant; ruined. Ruined mound (Stupa)
Ancient site; watch-tower, Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein on Mt. Takud Khan in 1913-15
Camps of Sir A. Stein and Alfred Qui in 1913-15
Camps of R. B. Lal Singh in 1913-15

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No 51 S.W.

KARGHALIK, KILIÂN.

SERIAL No. 6



Scale 1:500,000 or 1:625,000 inches to 8 miles

Latitude 5th, Azimuth 5th, Triangulation 5th.	13277	13534
Heights by theodolite by clinometer	13277	13534
Heights by barometer or hypsometer	13277	13534
Perpetual snow (approximate)		
Drift sand area		
Erosion terraces: Mesa, Yardang		
Hard salt crust		
Hard salt encrusted clay		
Soft salt encrusted clay		
Cultivation: unsurveyed		
Edges of cultivation, etc., where surveyed		
Reeds or low scrub: living, dead		
Bandy tract with scrub or jungle		
Tamarisk: living, dead		
Wild poplar (Toshiraka): living, dead		
Tamarisks: living, dead. Conifers		

Index to localities



Published under the direction of Colonel C. H. D. Rydes, C.I.E., D.S.O., R.E., OBE, Surveyor-General of India.

Scale 1:500,000 or 1:625,000 inches to 8 miles



EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Bulak	Spring	Kul, Kul	Lake	Planting, Puzhu	Walled village
Chap	Hill stream	Kim	Dead	Shen (Chin)	Chief of town or garrison
Derya	River	Kumuk	Shady	Shen (Chin)	Mountain
Dawla	Pass	Kurgan	Grave	Tu-shin (Chin)	Pass
Dung	Hill	Tashan, Li	Small house	Tu-shin	Mountain
He (Chin)	River	Marzi, Mi	Small house	Tu-shin	Mountain
Jig, Z	Yar	Miao (Chin)	Temple	Ustun	Canal
Karakul	Watch station	Qish	Small house	Tu-shin	Grading ground

Streams etc. which generally change name are shown in blue

Index to adjoining sheets

1	2	3
4	5	6
7	8	9
10		

Spring, Well, Karez	
Main road	
Other roads and paths with pass	
Telegraph line	
Temple, Muhammadan shrine, Sacred tomb	
Fort, ancient, recent, Miao	
Temporarily occupied hut	
Frontier wall, ancient, recent	
Walled town, walled, ruined, Ruined mound (Stupa)	
Ancient site, watch-tower, Cairn	
Route with camp, 1900-01	
Route with camp, 1904-05	
Route with camp, 1913-15	
Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15	
Camps of Sir A. Stein and A. H. H. in 1913-15	
Camps of R. B. Lal Singh in 1913-15	



CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

AK-SU, UCH-TURFĀN, KELPIN.

SERIAL No. 7

PART OF SHEET No. N, K-44
(CARTE INTERNATIONALE DU MONDE)



Latitude Etn. Azimuth Etn. Triangulation Etn.
 Heights by theodolite; by clinometer 13277 12800
 Heights by barometer or hypsometer 12770
 Perpetual snow (approximate)
 Drift-sand area
 Erosion terraces; Mesa; yardang
 Hard salt crust
 Hard salt encrusted clay
 Soft salt encrusted clay
 Cultivation unsurveyed
 Edges of cultivation, etc., where surveyed
 Reeds or low scrub, living dead
 Sandy tract with scrub or jungle
 Tamarisk cones, living dead
 Wild poplars (Toghrak) living dead
 Tamarisks, living dead; Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Barrard, K.C.S.I., R.E., F.R.S., Surveyor-General of India, 1910.
 Scale 1: 500,000 or 1: 1014 inches to 8 Miles

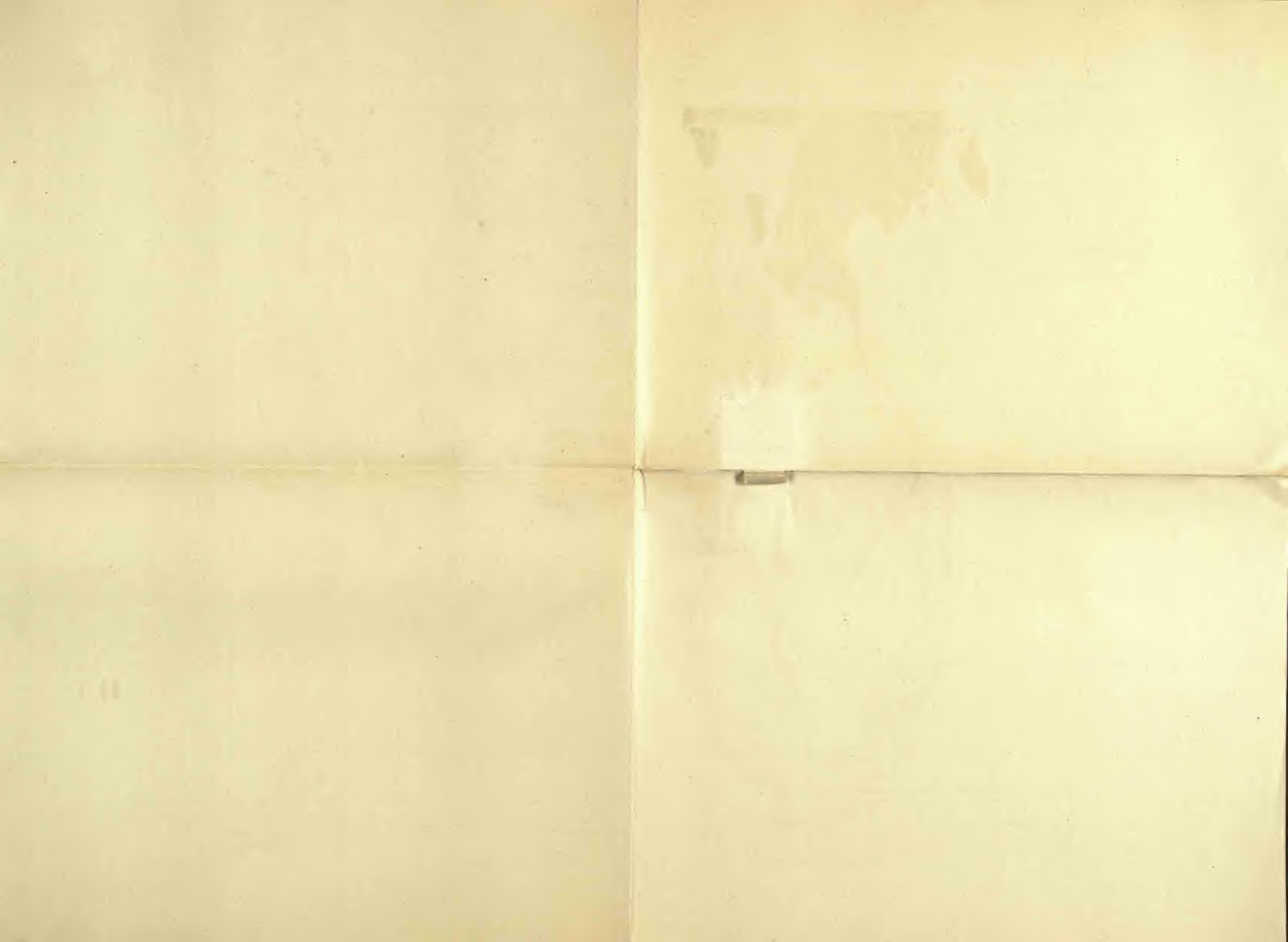
Index to adjoining sheets

EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Busk	Spring	Kul, Kul	Lake	P'ao-t'ao, Pa-t'ao (Chin.)	Walled village
Chap	Hill stream	Kum	Hamd	Bar	Desert of stone or gravel
Darya	River	Kennub	Reeds	Shan (Chin.)	Mountain
Dawān	Pass	Kurgaz	Tower	Ta-fan (Chin.)	Pass
Dung	Hill	Lampar, Lr	Fort house	Tagh	Mountain
Hs (Chin.)	River	Mazar, Mr	Saint's tomb	Taghral	Poplar
Jihā, J.	Valley	Miao (Chin.)	Temple	Ustang	Canal
Karaul	Walled station	Oghil	Shepherd station	Yaklak, Tailagh	Grazing ground

Streams etc., which generally conform with the SHAN (Chin.)

Spring, Well, Karez
 Main road
 Other roads and paths with base
 Telegraph line
 Temples, Muhammadan shrines, Sacred tombs
 Fort: ancient, recent, mine
 Temporarily occupied hut
 Frontier wall, ancient, recent
 Walled town: extant; ruined, Ruined mound (Silab)
 Ancient site; watch-tower, Cairn
 Route with camp, 1900-01
 Route with camp, 1906-08
 Route with camp, 1913-15
 Camps of Sir A. Stein, Sir M. Yarko Khan in 1913-15
 Camps of Sir A. Stein and André Duj in 1913-15
 Camps of R. B. Lal in 1913-15



CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 51 N.E.

MARAL-BĀSHI.

SERIAL No. 8



For further details see the Survey of India Office, China Series.

Latitude: by Azimuthal Sin. Triangulation	11277	11277
Heights: by theodolite; by clinometer	11277	11277
Heights: by barometer or hypsometer	11277	11277
Perpetual snow (approximate)		
Drift-sand area		
Erosion terraces: Mesa; Yardang		
Hard salt crust		
Hard salt-encrusted clay		
Soft salt-encrusted clay		
Cultivation: unsurveyed		
Edges of cultivation, etc., where surveyed		
Reeds or low scrub: living; dead		
Sandy tract with scrub or jungle		
Tamarisk: living; dead		
Wild poplars (Toshaks): living; dead		
Tamarisks: living; dead		

Index to localities



Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1918.

Scale 1: 500,000 or 1 014 inches to 8 miles



EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kol	Lake	Pao-tzu, Pu-tzu	Walled village
Chap	Hill stream	Kum	Sand	Shan	Desert of stones or gravel
Daryā	River	Komush	Roads	Shan (Chin.)	Mountain
Dawān	Pass	Kurghān	Town	Ts'ui (Chin.)	Pass
Dang	Valley	Langar, Le	Real house	Tagh	Mountain
Ho (Chin.)	River	Mazar, Mr	Saint's tomb	Toghrat	Poplar
Jiye, J.	Valley	Miao (Chin.)	Temple	Ushang	Canal
Karaul	Watch station	Oghil	Shepherd station	Talish, Taligh	Grazing ground

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets

4	7	15
5	8	12
6	9	13

Spring, Well, Kāriz	
Main road	
Other roads and paths with pass	
Telegraph line	
Temple, Muhammadan shrine, Sacred tomb	
Fort: ancient; recent Mine	
Temporarily occupied hut	
Frontier wall: ancient; recent	
Walled town: extant; ruined, Ruined mound (Būpa)	
Ancient site, watch-tower, Cairn	
Route with camp, 1900-01	
Route with camp, 1906-08	
Route with camp, 1913-15	
Camps of Sir A. Stein or Mid. Yakūb Khān in 1913-15	
Camps of Sir A. Stein and Afrāz Gūl in 1913-15	
Camps of R. B. Lāi Singh in 1913-15	

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 51 S.E.

KHOTAN, SANJU

SERIAL No. 9



Latitude 8th. Azimuth 1st. Triangulation 8th.
Height by theodolite, by aneroid, by barometer or hypsometer
Elevation of snow (approximate)
Elevation of area
Erosion terraces: Miao, Yandang
Hard salt crust
Hard salt encrusted clay
Soft salt encrusted clay
Cultivation unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub: living, dead
Sandy tract with scrub or jungle
Tamarisk: living, dead
Wild poplars (Tosynsky): living, dead
Tamarisk: living, dead. Conifers

Index to localities



Published under the direction of Colonel G. H. D. Rymer, C.I.E., D.S.O., R.E., O.B.E., Survey General of India

Scale 1:500,000 or 1:1014 (inches to 1 mile)

EXPLANATION OF HINDI, TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kai	Lake	Pan-tai, Pan-tai	Walled village
Chag	Rift stream	Kam	Wind	Shi	Desert of sand or gravel
Darya	River	Kamash	Reeds	Shan (Chin.)	Mountain
Dawa	Pass	Kurghan	Tomb	Ta-fan (Chin.)	Pass
Dang	Hill	Langer, Li	Road house	Tagh	Mountain
He (Chin.)	River	Mazir, Mr	Salt lake	Taghra	Poplar
Jing, J	Valley	Miao (Chin.)	Temple	Ulang	Cave
Kargul	Watch station	Oghil	Shagreen station	Yaklak, Yalghak	Draught ground

Simons etc. which generally indicate water are shown in blue

Index to adjoining sheets

A	B	C
10	11	12
13	14	15

Spring, Well, Karak
Main road
Other roads and paths with signs
Telegraph line
Fence, Muhammadan shrine, Sacred tomb
Fort, ancient, recent, mine
Temporarily occupied fort
Frontier wall; ancient, recent
Walled town; extent, minaret, round tower (stupa)
Ancient site; watchtower, camp
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein and Mr. Tanaka in 1913-15
Camps of Sir A. Stein and Mr. Tanaka in 1913-15
Camps of R. B. Lal Singh in 1913-15

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 52 N. E.

KARA-KORAM, KHITAI-DAWAN

SERIAL No. 10



For the purpose of the Survey of India, the following symbols are used:

Latitude Stn. Azimuth Stn. Triangulation Stn. 13222 13200

Heights by theodolite, by clinometer 13222 13200

Heights by barometer or hypsometer 13222 13200

Perpetual snow (approximate) 13222 13200

Griff-sand area 13222 13200

Erosion terraces: Meek, Yandag 13222 13200

Hard salt crust 13222 13200

Hard salt-encrusted clay 13222 13200

Soft salt-encrusted clay 13222 13200

Cultivation, unsurveyed 13222 13200

Edges of cultivation, etc., where surveyed 13222 13200

Reeds or low scrub, living; dead 13222 13200

Sandy tract with scrub or jungle 13222 13200

Tamarisk cones, living; dead 13222 13200

Wind poplars (Tograks): living; dead 13222 13200

Tamarisks: living; dead. Conifers 13222 13200

Index to locations

Published under the direction of Colonel Sir E. O. Blyden, K.C.I.E., R.E., F.R.S., Surveyor General of India, 1918.

Scale 1: 500,000 or 1: 614 inches to 1 mile

Index to adjoining sheets

8	9	10
11	12	13
14	15	16

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Koi	Lake	P'ao-tzu, Pu-tzu (Chin.)	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Daryk	River	Kumuk	Reeds	Shan (Chin.)	Mountain
Damsh	Pass	Kurgan	Tower	Tu-fet (Chin.)	Pass
Dung	Hill	Lung, Le	Rest house	Tigh	Mountain
He (Chin.)	River	Ma-shi, Mi	Scrubby land	Tograk	Poplar
Jige, J	Valley	Mik (Chin.)	Temple	Ustang	Canal
Karaul	Watch station	Ughit	Shepherd station	Yalik, Yalagh	Grazing ground

Streams etc. which generally contain water are shown in blue

Spring, Well, Karoz

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomo

Fort: ancient, recent, Mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, ruined, Ruined mound (Silkpa)

Ancient site: watch-tower, Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15

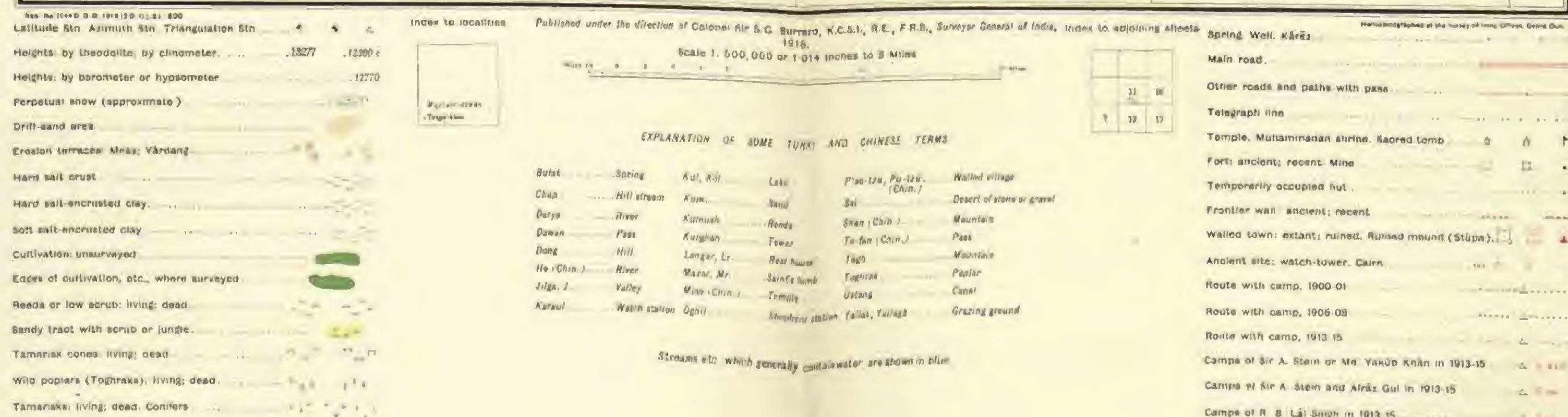
Camps of Sir A. Stein and Alrak Dui in 1913-15

Camps of R. B. Lal Singh in 1913-15

1900-01, 1906-08, 1913 15.

MI17-ART

SERIAL No. 11



Copies of this map can be obtained on request from the Survey of India
171322, 171323, 171324 and 171325 (Pamphlet), 171326, 171327, 171328, 171329, 171330, 171331, 171332, 171333, 171334, 171335, 171336, 171337, 171338, 171339, 171340, 171341, 171342, 171343, 171344, 171345, 171346, 171347, 171348, 171349, 171350, 171351, 171352, 171353, 171354, 171355, 171356, 171357, 171358, 171359, 171360, 171361, 171362, 171363, 171364, 171365, 171366, 171367, 171368, 171369, 171370, 171371, 171372, 171373, 171374, 171375, 171376, 171377, 171378, 171379, 171380, 171381, 171382, 171383, 171384, 171385, 171386, 171387, 171388, 171389, 171390, 171391, 171392, 171393, 171394, 171395, 171396, 171397, 171398, 171399, 171400, 171401, 171402, 171403, 171404, 171405, 171406, 171407, 171408, 171409, 171410, 171411, 171412, 171413, 171414, 171415, 171416, 171417, 171418, 171419, 171420, 171421, 171422, 171423, 171424, 171425, 171426, 171427, 171428, 171429, 171430, 171431, 171432, 171433, 171434, 171435, 171436, 171437, 171438, 171439, 171440, 171441, 171442, 171443, 171444, 171445, 171446, 171447, 171448, 171449, 171450, 171451, 171452, 171453, 171454, 171455, 171456, 171457, 171458, 171459, 171460, 171461, 171462, 171463, 171464, 171465, 171466, 171467, 171468, 171469, 171470, 171471, 171472, 171473, 171474, 171475, 171476, 171477, 171478, 171479, 171480, 171481, 171482, 171483, 171484, 171485, 171486, 171487, 171488, 171489, 171490, 171491, 171492, 171493, 171494, 171495, 171496, 171497, 171498, 171499, 171500, 171501, 171502, 171503, 171504, 171505, 171506, 171507, 171508, 171509, 171510, 171511, 171512, 171513, 171514, 171515, 171516, 171517, 171518, 171519, 171520, 171521, 171522, 171523, 171524, 171525, 171526, 171527, 171528, 171529, 171530, 171531, 171532, 171533, 171534, 171535, 171536, 171537, 171538, 171539, 171540, 171541, 171542, 171543, 171544, 171545, 171546, 171547, 171548, 171549, 171550, 171551, 171552, 171553, 171554, 171555, 171556, 171557, 171558, 171559, 171560, 171561, 171562, 171563, 171564, 171565, 171566, 171567, 171568, 171569, 171570, 171571, 171572, 171573, 171574, 171575, 171576, 171577, 171578, 171579, 171580, 171581, 171582, 171583, 171584, 171585, 171586, 171587, 171588, 171589, 171590, 171591, 171592, 171593, 171594, 171595, 171596, 171597, 171598, 171599, 171600, 171601, 171602, 171603, 171604, 171605, 171606, 171607, 171608, 171609, 171610, 171611, 171612, 171613, 171614, 171615, 171616, 171617, 171618, 171619, 171620, 171621, 171622, 171623, 171624, 171625, 171626, 171627, 171628, 171629, 171630, 171631, 171632, 171633, 171634, 171635, 171636, 171637, 171638, 171639, 171640, 171641, 171642, 171643, 171644, 171645, 171646, 171647, 171648, 171649, 171650, 171651, 171652, 171653, 171654, 171655, 171656, 171657, 171658, 171659, 171660, 171661, 171662, 171663, 171664, 171665, 171666, 171667, 171668, 171669, 171670, 171671, 171672, 171673, 171674, 171675, 171676, 171677, 171678, 171679, 171680, 171681, 171682, 171683, 171684, 171685, 171686, 171687, 171688, 171689, 171690, 171691, 171692, 171693, 171694, 171695, 171696, 171697, 171698, 171699, 171700, 171701, 171702, 171703, 171704, 171705, 171706, 171707, 171708, 171709, 171710, 171711, 171712, 171713, 171714, 171715, 171716, 171717, 171718, 171719, 171720, 171721, 171722, 171723, 171724, 171725, 171726, 171727, 171728, 171729, 171730, 171731, 171732, 171733, 171734, 171735, 171736, 171737, 171738, 171739, 171740, 171741, 171742, 171743, 171744, 171745, 171746, 171747, 171748, 171749, 171750, 171751, 171752, 171753, 171754, 171755, 171756, 171757, 171758, 171759, 171760, 171761, 171762, 171763, 171764, 171765, 171766, 171767, 171768, 171769, 171770, 171771, 171772, 171773, 171774, 171775, 171776, 171777, 171778, 171779, 171780, 171781, 171782, 171783, 171784, 171785, 171786, 171787, 171788, 171789, 171790, 171791, 171792, 171793, 171794, 171795, 171796, 171797, 171798, 171799, 171800, 171801, 171802, 171803, 171804, 171805, 171806, 171807, 171808, 171809, 171810, 171811, 171812, 171813, 171814, 171815, 171816, 171817, 171818, 171819, 171820, 171821, 171822, 171823, 171824, 171825, 171826, 171827, 171828, 171829, 171830, 1

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-44
(CARTE INTERNATIONALE DU MONDE)

KARA-YULGHUN, BAL.

SERIAL No. 12



1:50,000 Scale
Latitude 36° 30' N. Longitude 81° 30' E.
Heights: by theodolite, by clinometer, 13277, 13290
Heights: by barometer or hypsometer, 13270
Perpetual snow (approximate), 13270
Drift-sand area
Erosion terraces, Moku Yangang
Hard salt crust
Hard salt-encrusted clay
Soft salt-encrusted clay
Cultivation unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub living dead
Sandy tract with scrub or jungle
Tamarisk cones living dead
Wind poplars (Populus) living dead
Tamarisks living, dead, Conifers

Index to localities



Published under the direction of Colonel Sir S. G. Barrard, K.C.I., R.E., F.R.S., Surveyor General of India, 1916

Scale 1:500,000 or 1:614 inches to 8 miles

Index to adjoining sheets

11	12
13	14
15	16

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Buak	Song	Kul, Kuli	Lake	P'an-tai, P'u-tai	Walled village
Chap	Hill stream	Kum	Desert	Sai	Desert of stones or gravel
Darya	River	Kunab	Reeds	Suan (Chin.)	Mountain
Dungh	Pass	Kungha	Tower	Ty-ku (Chin.)	Pass
Dungh	Hill	Lungar, Li	Rest house	Tai	Mountain
Ha (Chin.)	River	Mazir, Mr	Deaf's house	Toghrat	Peas
Jiga, f.	Valley	Miao (Chin.)	Temple	Ulung	Canal
Karaul	Watch station	Oghli	Shophan station	Tarat, Talugh	Grazing ground

Streams etc. which generally contain water are shown in blue

Spring, Well, Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, sacred tomb
Fort: ancient, recent Mine
Temporarily occupied bus
Frontier wall: ancient, recent
Walled town: extant, ruined, ruin mound (Stupa)
Ancient site; watch-tower, Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15
Camps of Sir A. Stein and Alfred Gui in 1913-15
Camps of R. B. Lal Singh in 1913-15

Copies of this map can be obtained from the Survey of India, Office, 10, Broad Street, Calcutta, India. Price—One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

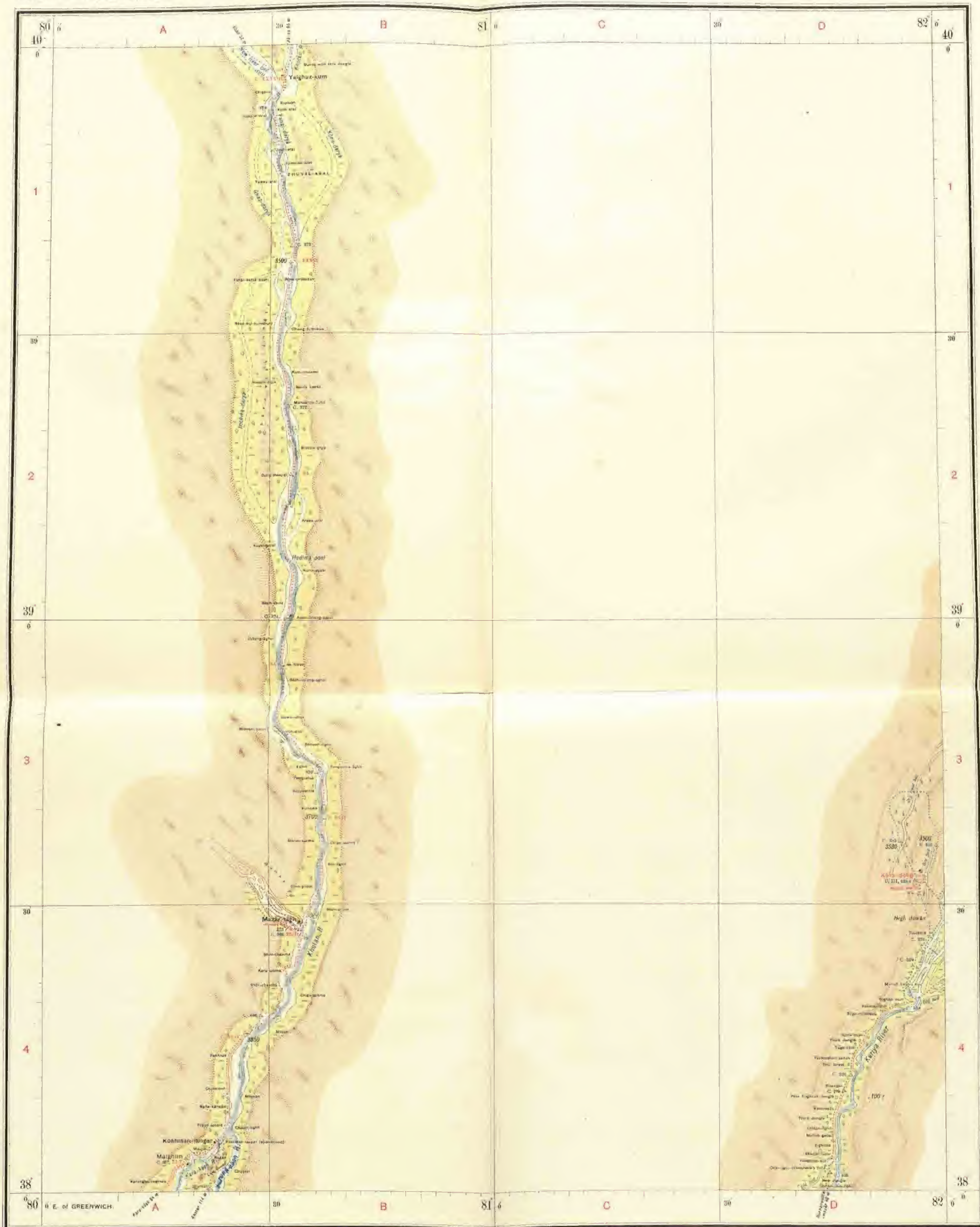
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

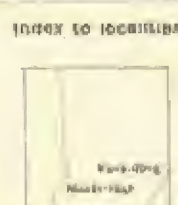
SURVEY OF INDIA No. 60 N. W.

MAZAR-TAGH, KARA-DONG

SERIAL No. 13



Scale 1: 500,000 or 1: 1014 inches to 1 mile
 Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1915.
 Index to localities
 Latitude 8th Azimuth 6th Triangulation 8th
 Heights by theodolite; by clinometer 13277 12300
 Heights by barometer or hypsometer 12770
 Perpetual snow (approximate)
 Drift-sand area
 Erosion terraces: Mesa; Yardang
 Hard salt crust
 Hard salt-encrusted clay
 Soft salt-encrusted clay
 Cultivation: unsurveyed
 Edges of cultivation, etc., where surveyed
 Woods of low scrub: living: dead
 Sandy tract with scrub or jungle
 Tamarisk: combs: living: dead
 Wild poplars (Tograks): living: dead
 Tamarisks: living: dead: combs



EXPLANATION OF SOME TURKIC AND CHINESE TERMS
 Bulak Spring
 Chap Hill stream
 Darya River
 Dusan Pass
 Dong Hill
 Hu (China) River
 Jilga Valley
 Karauli Water station
 Kul Lake
 Kum Sand
 Kumukh Reed
 Kuqan Tower
 Lungan Rest house
 Mazar Mr. Sany's tomb
 Misa (China) Temple
 P'ao-lai Pa-lai Walled village
 Sai Desert of stones or gravel
 Shan (China) Mountain
 Ta-san (China) Pass
 Tashan Mountain
 Tograk Poplar
 Ustang Canal
 Shajani station Taluk, Tashan Grazing ground

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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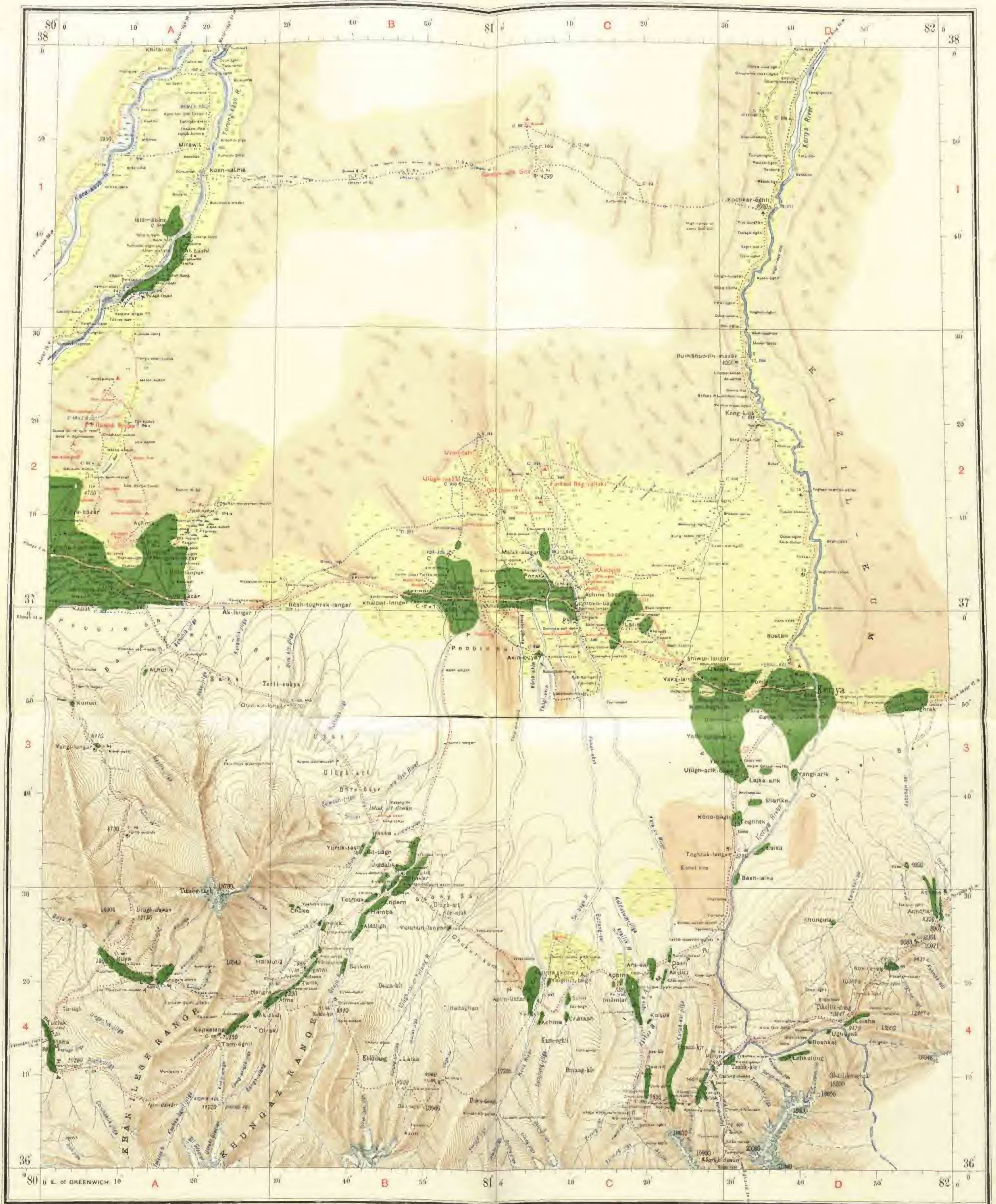
Spring Well, Karez
 Main road
 Other roads and paths with pass
 Telegraph line
 Temple, Muhammadan shrine: Sacred tomb
 Fort: ancient, recent, Mine
 Temporarily occupied fort
 Frontier wall: ancient, recent
 Walled town: extent, ruined, mounds (Bilga)
 Ancient site: walled tower: Caesal
 Route with camp, 1900-01
 Route with camp, 1906-08
 Route with camp, 1913-15
 Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15
 Camps of Sir A. Stein and Alireh Gai in 1913-15
 Camps of R. B. Lai Sung in 1913-15

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 60 S. W.

SAMPULA, CHIRA, KERIYA

SERIAL No. 14



Latitude from Azimuthal Sin. Triangulation Sin.
Heights: by theodolite; by aneroid, 1927, 12,350 ft.
Heights: by aneroid or hypsometer, 19770
Perpetual snow (approximate)
Grassland areas
Erosion terraces: Mead, Yardang
Hard salt crust
Hard salt encrusted clay
Soft salt encrusted clay
Cultivation unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub (living; dead)
Sandy tract with scrub or jungle
Tamarisk cones: living; dead
Wild poplars (Tograk): living; dead
Tamarisk living; dead: Conifers

Published under the direction of Colonel Sir S. O. Burrows, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1919.

Scale 1: 500,000 or 1: 1014 inches to 5 miles

Index to localities

Index to publishing sheets

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kal	Lake	P'ao (Lo, Pa-tu)	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kunush	Heath	San (Chin.)	Mountain
Dwan	Pave	Kurghan	Tower	Ta-fan (Chin.)	Pass
Dong	Hill	Langer, L	Red house	Tagh	Mountain
Ho (Chin.)	River	Mazar, M	Sacred tomb	Tograk	Poplar
Juga, J	Valley	Miao (Chin.)	Temple	Ustang	Canal
Karaul	Watch station	Oguz	Shepherd station	Yalik, Yalik	Grazing ground

Streams etc., which generally contain water are shown in blue

Spring, Well, Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, Sacred tomb
Fort: ancient; recent; mine
Temporarily occupied hut
Frontier wall: ancient; recent
Walled town: extant; ruined; mounds (Stupa)
Ancient site; watchtower; Camp
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15
Camps of Sir A. Stein and Alfred Gui in 1913-15
Camps of Sir B. L. Singh in 1913-15

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

YURUNG-KASH AND KERIYA R. SOURCES.

SERIAL No. 15

SURVEY OF INDIA No. 61 N. W.



Published under the direction of Colonel Sir G. G. Bennett, K.C.B., R.E., F.R.S., Surveyor General of India, 1915.

Scale 1:500,000 or 1:1014 inches to 6 miles

Index to localities

Index to adjoining sheets

EXPLANATION OF BUXTI, TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kai	Lake	P'ao-t'ao, Pu-t'ao	Walled village
Chap	Hill stream	Kum	Sand	Sal	Desert of stone or gravel
Darya	River	Kumush	Road	Shan (Chin.)	Mountain
Dawin	Pass	Kurghun	Pass	Ta-shi (Chin.)	Pass
Dong	Hill	Langar, Lr	Road house	Tagh	Mountain
Ha (Chin.)	River	Mazir, Mr	Grave tomb	Toghnak	Poplar
Hija, r	Valley	Miao (Chin.)	Tripoli	Ustang	Canal
Karakul	Watch station	Oghil	Shepherd station	Yaliak, Yailag	Grazing ground

Streets etc. which generally contain water are shown in blue

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort: ancient, recent

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, ruined. Ruined mound (Siupa)

Ancient site: watch-tower, Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Alfr. Gul in 1913-15

Camps of R. B. Lal Singh in 1913-15

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

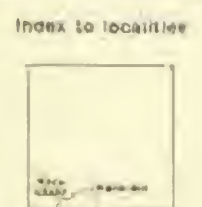
PART OF SHEET No. N K-44
(CARTE INTERNATIONALE DU MONDE)

KERE-BÄZÄR (BAI)

SERIAL No. 16



Latitude Sln. Azimuth Sln. Triangulation Sln. ... 13277 ... 12340 c
Heights: by theodolite; by clinometer ... 12770
Heights: by barometer or hypsometer ... 12770
Perpetual snow (approximate) ...
Drift-sand area ...
Erosion terraces: Mesa; Yārdang ...
Hard salt crust ...
Hard salt-encrusted clay ...
Soft salt-encrusted clay ...
Cultivation unsurveyed ...
Edges of cultivation, etc., where surveyed ...
Reeds or low scrub: living; dead ...
Sandy tract with scrub or jungle ...
Tamarisk cones: living; dead ...
Wild poplars (Tograxa) living; dead ...
Tamarisks living; dead; Conifers ...



Published under the direction of Colonel Sir S. O. Burrard, K. C. I. E., F.R.S., Surveyor General of India, 1918.

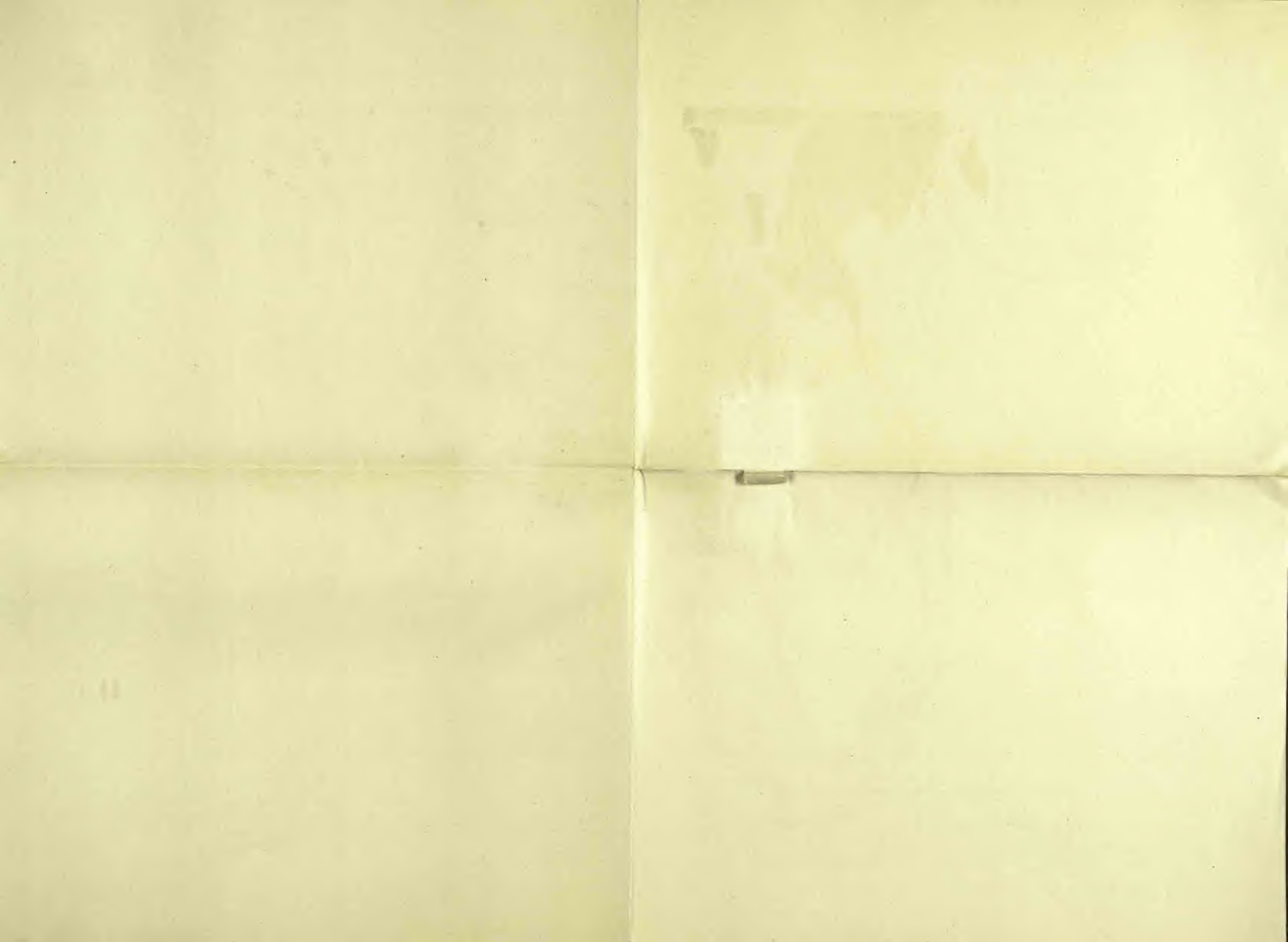
Scale 1: 500,000 or 1: 614 inches to 5 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kēl	Lake	P'ao-t'ao, Pu-t'ao	Wall of village (Chin.)
Chap	Hill stream	Kum	Sand	Shan (Chin.)	Desert of stone or gravel
Darya	River	Kumush	Roads	Ta-fan (Chin.)	Pass
Dawān	Pass	Kurghan	Tower	Tagh	Mountain
Dang	Hill	Lengar, L.	Heat house	Toghrak	Poplar
Ho (Chin.)	River	Mazār, M.	Saint's tomb	Utlang	Coast
Jilga, J.	Valley	Miao (Chin.)	Temple		
Kareul	Watch station	Ūghil	Shepherd station	Talish, Talish	Grazing ground

Streams etc. which generally contain water are shown in blue

Spring, Well, Karez
Main road
Other roads and paths with gates
Telegraph line
Temple, Muhammadan shrine, Sacred tomb
Fort: ancient, recent, Mine
Temporarily occupied hut
Frontier wall: ancient, recent
Walled town: extant, ruined, Ruined mound (Stupa)
Ancient site, watch-tower, Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Mo. Yankū Khān in 1913-15
Camps of Sir A. Stein and Alfred Qui in 1913-15
Camps of R. B. Lill Singh in 1913-15



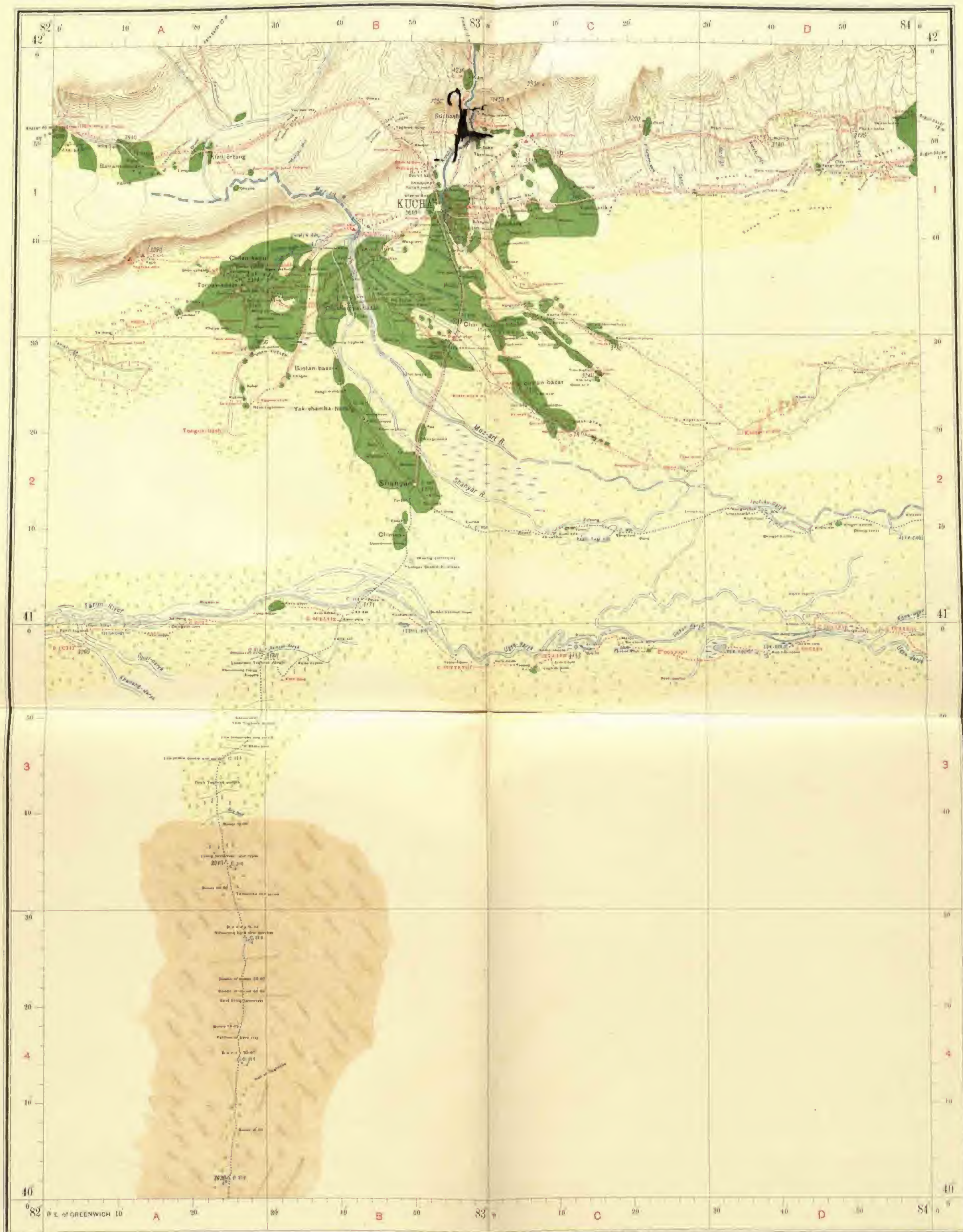
CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-44
(CARTE INTERNATIONALE DU MONDE)

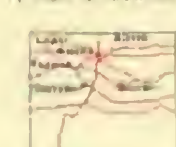
KUCHA

SERIAL No. 17



Latitude 80° Azimuth 50° Triangulation 5th.
Heights by theodolite by clinometer 13277 12804
Heights by barometer or hypsometer 12770
Perpetual snow (approximate)
Drift sand areas
Erosion terraces: Mesa, Yardang
Hard salt crust
Hard salt-encrusted clay
Soft salt-encrusted clay
Cultivation: unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub: living; dead
Sandy tract with scrub or jungle
Tamarisks: conifer, living; dead
Wild poplars (Tohraks): living; dead
Tamarisks: living; dead Conifers

Index to localities



Published under the direction of Colonel C. H. D. Ryder, C.B., D.S.O., R.E., 6th, Surveyor General of India.

Scale 1: 500,000 or 1:1014 inches to 8 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS					
Bulak	Spring	Kul, Koi	Lake	Pak-tai, Pak-tai	Walled village
Chap	Hill stream	Kum	Band	Sai	Desert of sand or gravel
Darya	River	Kumush	Kopet	Zhai (Chin.)	Mountain
Dawan	Pass	Kunghen	Town	Ts-hu (Chin.)	Pass
Dong	Hill	Lungar, 12	Rest house	Tash	Mountain
He (Chin.)	River	Masan, Mt.	Sandy tomb	Taghak	Pass
Jilga, J.	Valley	Miao (Chin.)	Town	Uateng	Canal
Kasul	Watch station	Oghli	Blowhard station	Yakul, Yalgha	Grazing ground

Index to adjoining sheets



Spring, Well, Kariz
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, Sacred tomb
Fort: ancient; recent. Mine
Temporarily occupied hut
Frontier wall: ancient; recent
Walled town: extant, ruined, Ruined mound (Stupa)
Ancient site; watch-tower, Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Sir Yehsin Khan in 1913-15
Camps of Sir A. Stein and Sir Yehsin Khan in 1913-15
Camps of Sir A. Stein in 1913-15

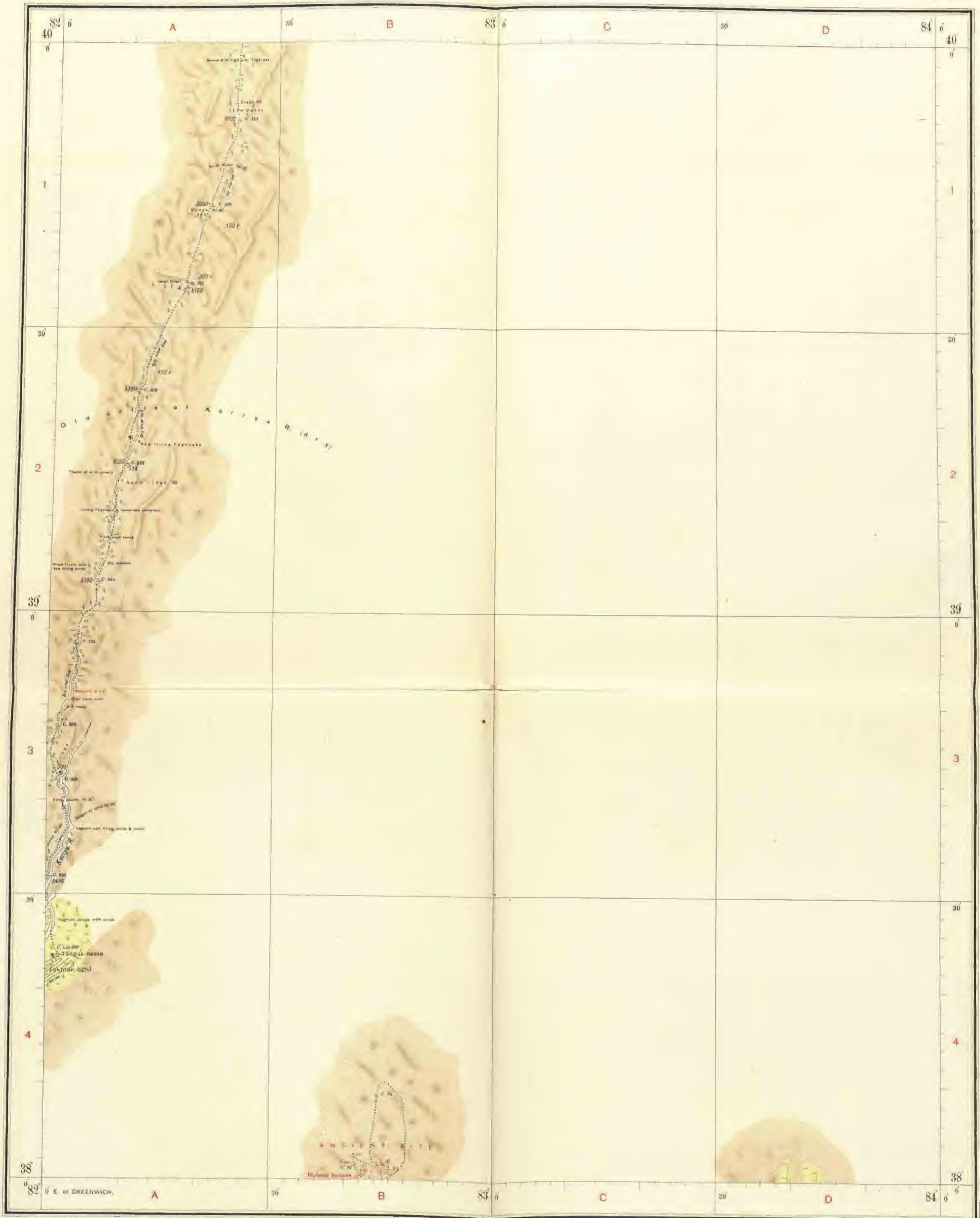
CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 60 N. E.

KERIYA RIVER END

SERIAL No. 18



Scale 1:500,000 or 1:1014 inches to 5 miles

Published under the direction of Colonel Sir S. G. Durrant, K.C.S.I., F.R.S., Surveyor General of India, 1918

Index to localities

Index to symbols

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Basin	Spring	Kul, Kis	Loch	Pan-tzu, Po-tzu	Walled village
Chen	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumuso	Moody	Shan (Chin.)	Mountain
Dawu	Pass	Kurgan	Town	Ta-hu (Chin.)	Pass
Dung	Hill	Lampas, Li	Nest house	Tagh	Mountain
He (Chin.)	River	Mardi, Mr	Saint's tomb	Toghrak	Poster
Jigai	Valley	Miao (Chin.)	Temple	Ustang	Canal
Kansu	Watch station	Qahil	Shepherd station	Taiak, Taihak	Steeple ground

Streams etc. which generally contain water are shown in blue

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort: ancient, recent, Mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: distant, ruined, ruined mound (Stupa)

Ancient site: watch-tower, Chien

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein and Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Alfred Gu in 1913-15

Camps of R. B. Lal Singh in 1913-15

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 60 S. E.

NIYA

SERIAL No. 19



Latitude Sin. Azimuth Sin. Triangulation Sin.

Heights by theodolite by aneroid.

Heights by barometer or hypsometer.

Perpetual snow (approximate).

Drift sand area.

Erosion terraces. Mesa. Yardang.

Hard salt crust.

Hard salt-encrusted clay.

Soft salt-encrusted clay.

Cultivation; unsurveyed.

Edges of cultivation, etc., where surveyed.

Reeds or low scrub living road.

Sandy tract with scrub or jungle.

Tamarisk (Toghnak) living road.

Wild pastures (Toghnak) living road.

Tamarisk living road. Conifers.

Index to localities.

13

14

15

11

12

16

Spring, Well, Karez.

Main road.

Other roads and paths with pass.

Telegraph line.

Temples, Muhammadan shrines, sacred tomb.

Fort: ancient; recent. Mine.

Temporarily occupied hut.

Frontier wall: ancient; recent.

Walled town: extant; ruined. Ruined mound (Stupa).

Ancient site; watch-tower, cairn.

Route with camp, 1900-01.

Route with camp, 1906-08.

Route with camp, 1913-15.

Camps of Sir A. Stein on Mt. Yaku Khan in 1913-15.

Camps of Sir A. Stein and Alfred Gull in 1913-15.

Camps of R. B. Lili Singh in 1913-15.

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1915.

Scale 1: 500,000 or 1-014 inches to 8 Miles.

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Buak	Spring	Kul, Kai	Lake	P'ao-lao, Pu-lao	Walled village
Chau	Hill stream	Kum	Road	Sai	Desert of stone or gravel
Darya	River	Kutub	Reeds	Shen / Chin	Mountain
Dawin	Pass	Kuyghun	Tower	Ta-lan / Chin	Pass
Dang	Hill	Lamgar, Le	Fort	Tagh	Mountain
He / Chin	River	Mazda, Mi	Subsidiary	Toghnak	Palace
Jigai, d	Valley	Muk / Chin	Town	Udang	Canal
Karaul	Watch-station	Oghil	Round station	Talar, Yungui	Grazing ground

Streams the which generally contain water are shown in blue.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

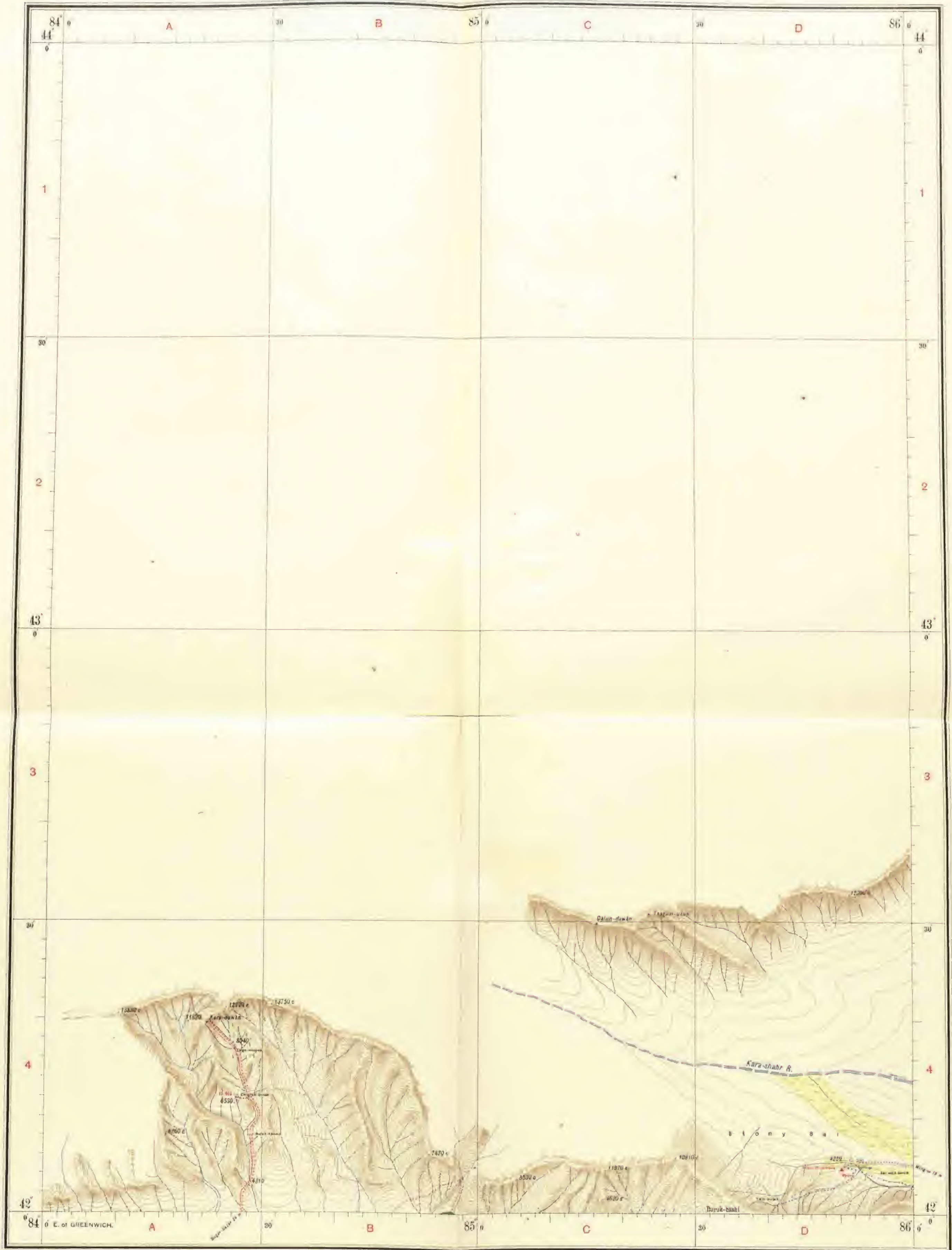
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE DU MONDE)

KARA-DAWAN, KARA-SHAHR R.

SERIAL No. 20



Scale 1:500,000 or 1:1014 inches to 8 Miles

Published under the direction of Colonel Sir B. D. Burdett, K.C.S.I., R.E., F.R.S., Surveyor General of India, under the direction of the Survey of India, 1918.

Index to localities

Latitude S'n. Azimuth S'n. Triangulation S'n.

Heights: by theodolite; by aneroid; by barometer or hypsometer.

Heights: by theodolite; by aneroid; by barometer or hypsometer.

Perpetual snow (approximate).

Drift sand area.

Erosion terraces. Mesa. Yardang.

Hard salt crust.

Hard salt-encrusted clay.

Soft salt-encrusted clay.

Cultivation unsurveyed.

Edges of cultivation, etc. where surveyed.

Reeds or low scrub, living; dead.

Sandy tract with scrub or jungle.

Tamarisk canes: living; dead.

Wild poplars (Teghna), living; dead.

Tamarisks: living; dead. Conifers.



Scale 1:500,000 or 1:1014 inches to 8 Miles

Published under the direction of Colonel Sir B. D. Burdett, K.C.S.I., R.E., F.R.S., Surveyor General of India, under the direction of the Survey of India, 1918.

Index to localities

Latitude S'n. Azimuth S'n. Triangulation S'n.

Heights: by theodolite; by aneroid; by barometer or hypsometer.

Heights: by theodolite; by aneroid; by barometer or hypsometer.

Perpetual snow (approximate).

Drift sand area.

Erosion terraces. Mesa. Yardang.

Hard salt crust.

Hard salt-encrusted clay.

Soft salt-encrusted clay.

Cultivation unsurveyed.

Edges of cultivation, etc. where surveyed.

Reeds or low scrub, living; dead.

Sandy tract with scrub or jungle.

Tamarisk canes: living; dead.

Wild poplars (Teghna), living; dead.

Tamarisks: living; dead. Conifers.

EXPLANATION OF SOME TURK AND CHINESE TERMS

Bulak	Spring	Kul, Kūl	Lake	Pan-tzu, Pan-tzu	Walled village
Chap	Hill stream	Kum	Sand	Shan (Chin.)	Mountain
Darya	River	Kumuk	Reeds	Ta-fan (Chin.)	Pass
Down	Pass	Kurgan	Tower	Tagh	Mountain
Dong	Hill	Langin, L.	West house	Teghna	Poplar
Ho (Chin.)	River	Mazda, Mr	Saint's tomb	Ustang	Canal
Jigai, d	Valley	Miao (Chin.)	Temple	Yakul	Yakul
Karakul	Watch station	Oghil	Shepherd station	Yakul, Yakul	Grazing ground

Streams etc. which permanently contain water are shown in blue.

16	17	18	19	20
----	----	----	----	----

Spring, Well, Kariz	.....
Main road	.....
Other roads and paths with pass	.....
Telegraph line	.....
Temple, Muhammadan shrine, Sacred tomb	.....
Fort: ancient, recent, Mine	.....
Temporarily occupied hut	.....
Frontier wall: ancient, recent	.....
Walled town: extant, ruined, ruin mound (Stupa)	.....
Ancient site: watch-tower, Cairn	.....
Route with camp, 1900-01	.....
Route with camp, 1906-08	.....
Route with camp, 1913-15	.....
Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15	.....
Camps of Sir A. Stein and Mr. A. G. in 1913-15	.....
Camps of R. B. Lal Singh in 1913-15	.....

Supplies of food and other necessities are shown in blue.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

BUGUR, KORLA

SERIAL No. 21

PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE DU MONDE)



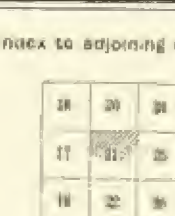
Latitude Sin. Azimuth Sin. Triangulation Sin. 13277
Height by theodolite, by aneroid 13277
Height by barometer or hypsometer 13277
Perpetual snow (approximate)
Drift-sand area
Erosion terraces, Mesa, Yindang
Hard salt crust
Hard salt-encrusted clay
Soft salt-encrusted clay
Cultivation unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub living, dead
Barley tract with scrub or jungle
Tamarisk cones (living) dead
Wild poplars (Tojghaks), living, dead
Tamarisks (living) dead centers



Published under the direction of Colonel Sir S. G. Burrard, K.C.B., R.E., F.R.S., Surveyor General of India, 1918.
Scale 1:500,000 or 1:1014 inches to 8 miles

EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Swak	Spring	Kul, Kū	Lake	Pan-tzu, Po-tzu (Chin.)	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Qaryā	River	Kumrah	Reeds	Shan (Chin.)	Mountain
Dawān	Pass	Kuzghān	Tower	Ta-shan (Chin.)	Pass
Qang	Hill	Lungar, L	Rest house	Tigh	Mountain
Ho (Chin.)	River	Mazar, M	Saint's tomb	Toghrak	Pass
Jike, J	Valley	Mian (Chin.)	Temple	Ustang	Caravans
Karaul	Watch station	Qghil	Shepherd's station	Talakh, Talakh	Drawing ground



Spring Well, Kārbz
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, Sacred tomb
Fort: ancient, recent Mine
Temporarily occupied hill
Frontier wall: ancient, recent
Walled town: extant, ruined, Ruined mound (Qūpa)
Ancient site, watch-tower, Caravans
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15
Camps of Sir A. Stein and André Gail in 1913-15
Camps of Mr. B. L. Singh in 1913-15

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15

SURVEY OF INDIA No. 69 N. W.

CHARCHAN

SERIAL No. 22



Scale 1:500,000 or 1:314 inches to 8 Miles

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Index to localities

Index to adjoining sheets

17	21	25
18	22	26
19	23	27

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kol	Lake	Pao-tzu, Pu-tzu	Walled village (Chin.)
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumuk	Reeds	Shan (Chin.)	Mountain
Damsh	Pass	Kurgan	Tower	Ts'ien (Chin.)	Pass
Deng	Hill	Lungar, Le	Rest house	Tagh	Mountain
No (Chin.)	River	Mazar, Mr.	Saint's tomb	Toghrak	Poplar
Jilga, J	Valley	Miao (Chin.)	Tamplin	Ustang	Canal
Kargul	Watch station	Oghil	Shepherd station	Tajik, Tajikah	Grazing ground

Streams etc., which generally contain water are shown in blue

Spring, Wall, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort; ancient; recent; mine

Temporarily occupied hut

Frontier wall; ancient; recent

Walled town; extant; ruined; Ruined mound (Stupa)

Ancient site; watch-tower; Cairn

Route with camp, 1900-01

Route with camp, 1906-08

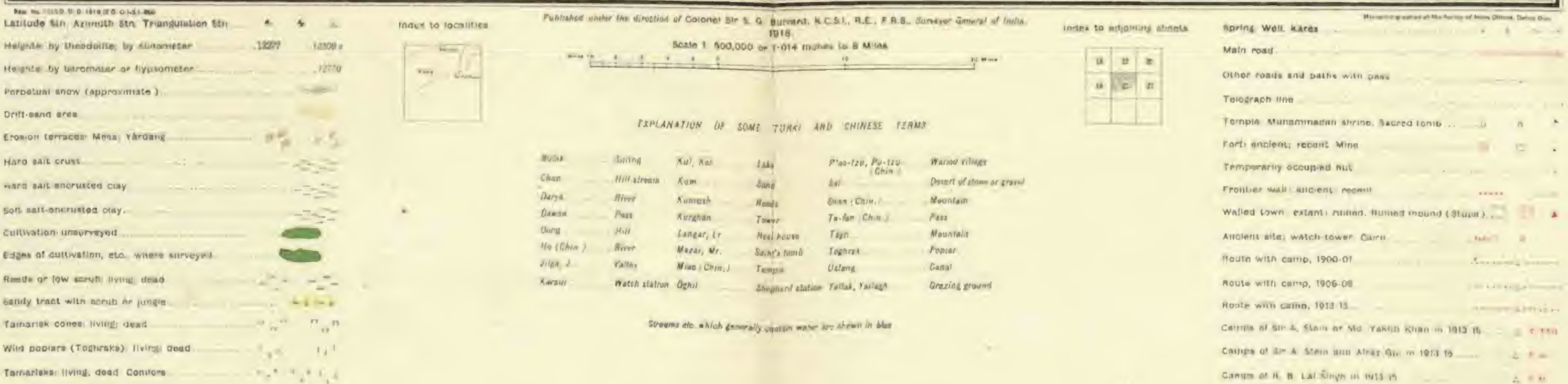
Route with camp, 1913-15

Camps of Sir A. Stein or M. Yakub Khan in 1913-15

Camps of Sir A. Stein and Alfred Gull in 1913-15

Camps of R. B. Lal Singh in 1913-15

SERIAL No. 23



CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

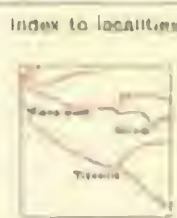
PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE DU MONDE)

KONCHE-DARYÄ

SERIAL No. 25



Latitude Stn. Azimuth Stn. Triangulation Stn.
Heights: by theodolite; by clinometer. . . 1377 . . 1260
Heights: by barometer or hypsometer . . . 1277
Perpetual snow (approximate)
Orchard area
Erosion terraces: Mesa; Yüding
Hard salt crust
Hard salt-encrusted clay
Soft salt-encrusted clay
Cultivation: unsurveyed
Edges of cultivation, etc.; where surveyed
Reeds or low scrub (living; dead)
Sandy tract with shrubs or jungle
Tamarisk cones: living; dead
Willow poplars (Toghnaks): living; dead
Tamarisks: living; dead; 'Conifers'



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Scale 1: 500,000 or 1 914 inches to 5 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Xu, Kai	Lake	P'ao-tzu, P'u-tzu	Walled village
Chau	Hill stream	Xue	Sand	Shan (Chin.)	Desert of talus or gravel
Darya	River	Kumuk	Reeds	Ta-shan (Chin.)	Mountain
Dawa	Pass	Kungshan	Tower	Ta-shan (Chin.)	Pass
Dong	Hill	Lungar, Li	Road house	Tai	Mountain
Hai (Chin.)	River	Madar, M.	Saint's tomb	Toghnak	Poplar
Hüan, J.	Valley	Miao (Chin.)	Temple	Ustang	Donk
Kanul	Watch station	Üghir	Shouting whistle	Yalak, Yalag	Grazing ground

Streams etc. which generally contain water are shown in blue



Spring, Wab, Kärex
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, sacred tomb
Fort; ancient, recent. Mine
Temporarily occupied hut
Frontier wall: ancient, recent
Walled town: intact; ruined, ruined mound (Stüpe)
Ancient walled watch-tower, Carn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15
Camps of Sir A. Stein and Alfred Gui in 1913-15
Camps of R. B. Lill Smith in 1913-15

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 69 N. E.

VĀSH-SHAHRI

SERIAL No. 26



Latitude 6th Azimuth 6th Triangulation Sta.
Heights by theodolite, by clinometer. 1827 11500
Heights by barometer or hypsometer. 1779
Perpetual snow (approximate)
Drift sand areas
Erosion terraces. Mesa. Vāshān.
Hard salt crust
Hard salt encrusted clay.
Soft salt encrusted clay
Cultivation unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub, living, dead
Sandy tract with scrub or jungle
Tamarisks, combs living, dead
Wild poplars (Teghneks) living, dead
Tamarisks living, dead. Conifers

Index to localities



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Scale 1:500,000 or 1:101 1/4 inches to 8 miles.

EXPLANATION OF SOME (PERSIAN AND CHINESE) TERMS

Barak	Spring	Kul, Kūl	Lake	Pīn-ī-shā, Pīn-ī-shā (Chin.)	Walled village
Chap	Hill stream	Kum	Salt	Sal	Desert of blood or gravel
Qarya	River	Kumuk	Reed	Shān (Chin.)	Mountain
Qasab	Pass	Kungshān	Tower	Tā-shān (Chin.)	Pass
Qūq	Hill	Lungar, Lr	Red house	Tegh	Manifactory
Ho (Chin.)	River	Wāsh, Mr	Saint's tomb	Toghrak	Pass
Yigā, J	Valley	Mān (Chin.)	Temple	Ustang	Canal
Kasul	Water station	Oghil	Shepherd station	Yālak, Tāluq	Grazing ground

Stream on which generally appear water-shed or lake.

Index to existing tracks



Spring, Well, Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, Sacred tomb
Fort: ancient, recent, mine
Temporarily occupied hut
Frontier wall: ancient, recent
Walled town: extent; ruins. Ruined mound (Stupa)
Ancient altar, watch-tower, Caravanserai
Route with camp, 1900-01
Route with camp, 1908-09
Route with camp, 1913-15
Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15
Camps of Sir A. Stein and Afrās Qul in 1913-15
Camps of R. B. Lal Singh in 1913-15

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

KHADALIK.

SERIAL No. 27

SURVEY OF INDIA No. 69 S. E.



Latitude 5th. Azimuth 5th. Triangulation 5th. 13777 12300

Heights: by aneroid; by barometer; by hypsometer 13777 12300

Perpetual snow (approximate) 13777

Drift-sand area

Erosion terraces: Maa; Yandag

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisks: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead

Conifers

Index to localities

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Scale 1: 500,000 or 1: 614 inches to 8 miles



EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulek	Spring	Kul, Kul	Lake	P'an-tzu, Pu-tzu	Walled village (Chin.)
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumuk	Road	Shan (Chin.)	Mountain
Dawin	Pass	Kurgan	Tower	Ta-lan (Chin.)	Pass
Dong	Hill	Langer, Lt.	Red house	Tagh	Mountain
Ho (Chin.)	River	Mazda, Mt.	Sand's tomb	Toghrak	Post
Jilga, J.	Valley	Mao (Chin.)	Temple	Uateng	Canal
Karaul	Watch station	Oghil	Unsurveyed station	Yalak, Yalak	Gravel ground

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets

26	27	28
25	26	27
24	25	26

Spring, Well, Karez	.....
Main road	.....
Other roads and paths with pass	.....
Telegraph line	.....
Temple, Muhammadan shrine, Sacred tomb	.....
Fort: ancient; recent	.....
Temporarily occupied hut	.....
Frontier wall: ancient; recent	.....
Walled town: extant; ruined. Ruined mound (tilla)	.....
Ancient site; watch-tower, Cairn	.....
Route with camp, 1900-01	.....
Route with camp, 1906-08	.....
Route with camp, 1913-15	.....
Camps of Sir A. Stein or Md. Yakub Khan in 1913-15	.....
Camps of Sir A. Stein and Afrāz Gul in 1913-15
Camps of R. B. Lal Singh in 1913-15

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CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SINGER, LOU-LAN

PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE DU MONDE)

SERIAL No. 29



Scale 1:500,000 or 1:614 miles to a mile

Published under the direction of Colonel Sir S. G. Surveyor, K.C.I.E., F.R.S., Surveyor General of India, 1915.

EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Bulak	Spring	Kul, Käl	Lake	P'ao-t'ao, P'ao-t'ao	Walled village
Chap	Hill stream	Kam	Salt	Shan (Chin.)	Mountain
Darra	River	Kamush	Reeds	To-fan (Chin.)	Pass
Dawan	Pass	Kungha	Tenue	Tai	Mountain
Dand	still	Canal, Lr.	Kist house	Toghrak	Poplar
Ha (Chin.)	Bliver	Mazai, Mr.	Salt's huts	Uilang	Canal
Hips, J.	Valley	Miao (Chin.)	Tongshu		
Karaul	Watch station	Ughil	Shepherd station	Talab, Talagh	Grazing ground

Spring, Well, Kaniz

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort, ancient, recent, Mine

Temporarily occupied hut

Frontier wall, ancient, recent

Walled town: extant, ruined, Ruined mound (Stupa)

Ancient site: watch-tower, Cairn

Route with camp, 1900-01

Route with camp, 1908-08

Route with camp, 1913-15

Camps of Sir A. Stein at Mt. Yüko Khan in 1913-15

Camps of Sir A. Stein and Alfred G. in 1913-15

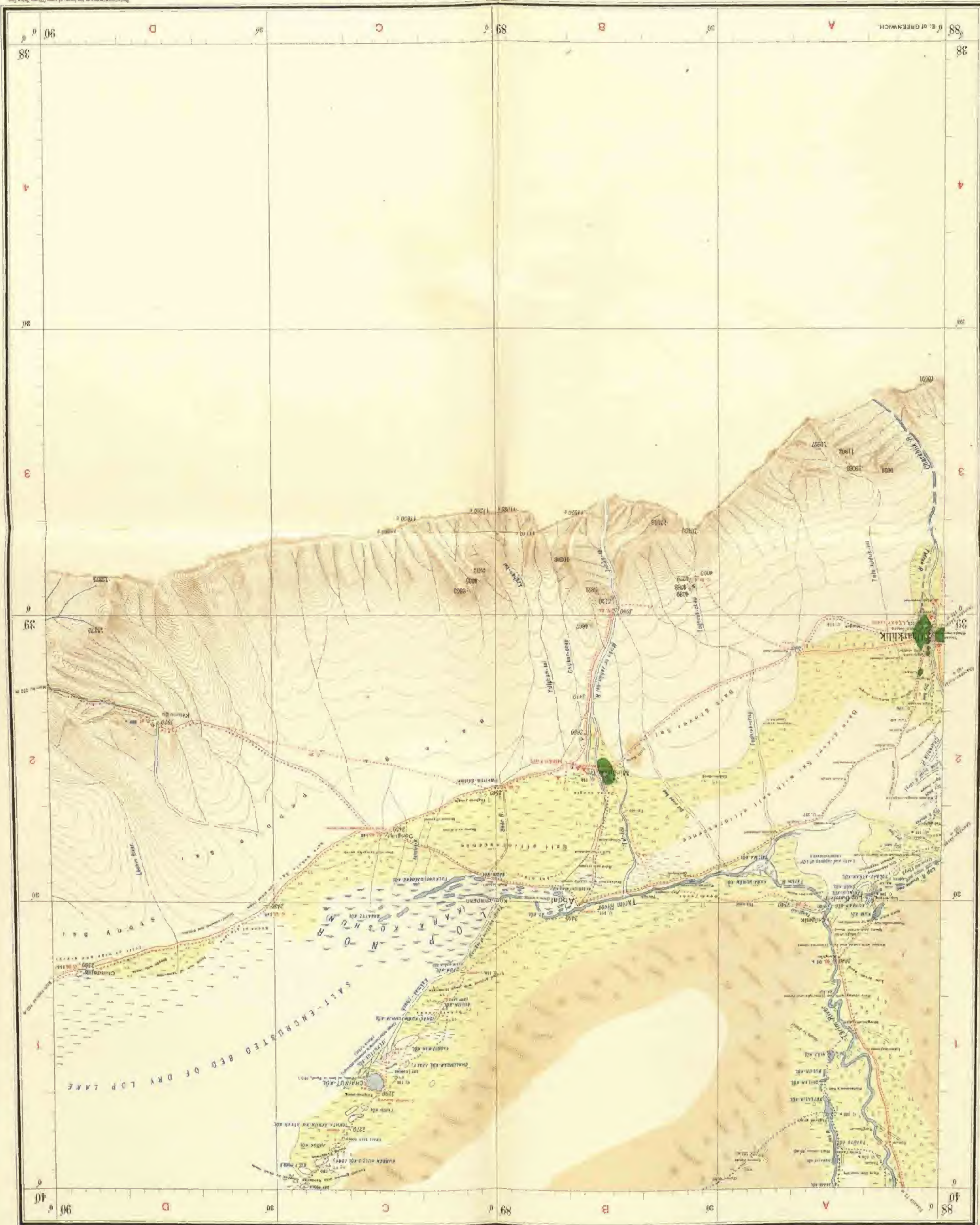
Camps of H. B. L. in 1913-15

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K.C.I.E.,
1900-01, 1906-08, 1913-15

SURVEY OF INDIA No. 75 N. W.

LOP-NOR

SERIAL No. 30



EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Kansu	Walsh station	Uchit	...
...

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Index to adjoining sheets

Spring Well, Khotan

Other roads and paths with pass

Temple, ancient, recent, mine

Frontier wall, ancient, recent

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

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Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

Walled town, ancient, ruined, modern

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

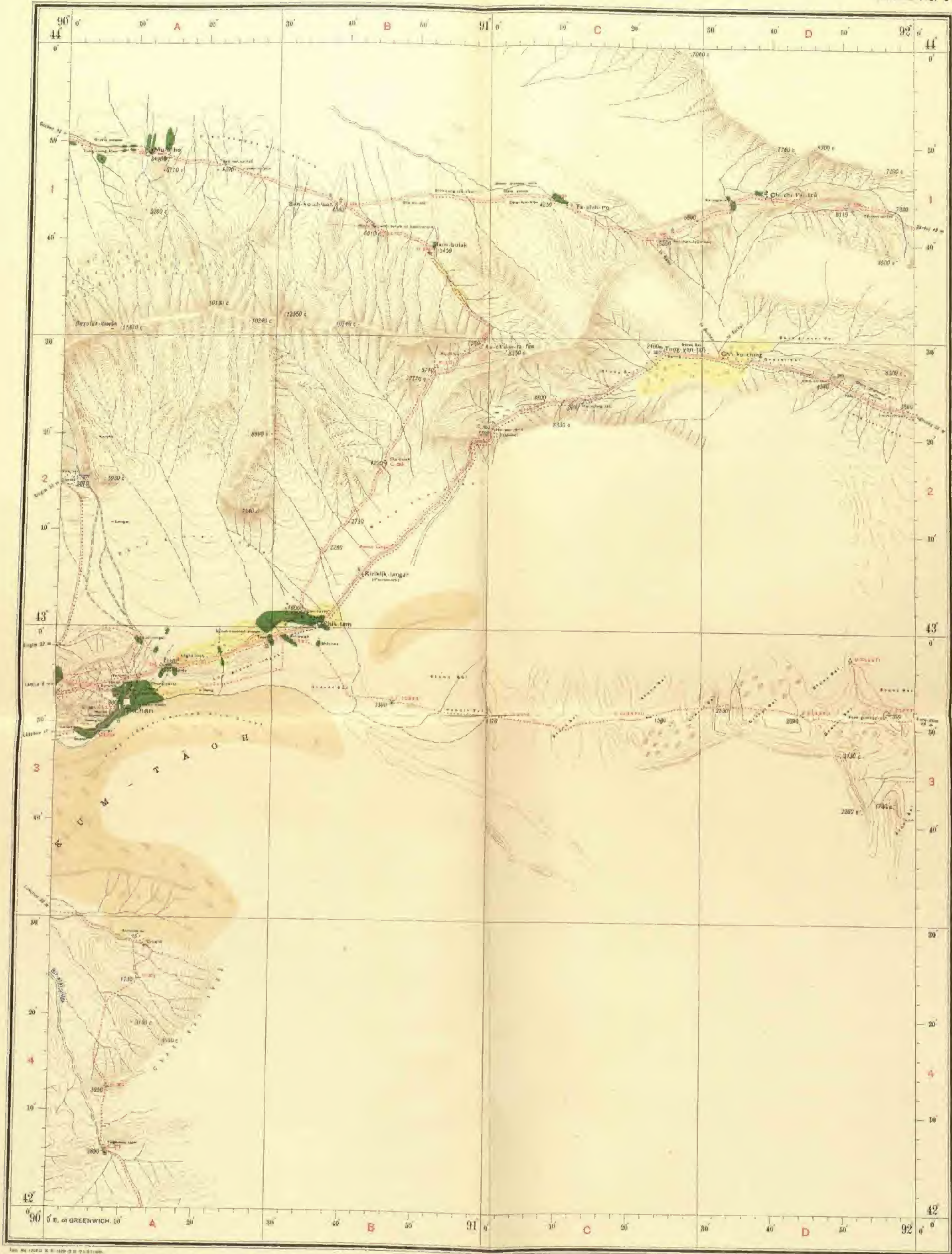
1900-01, 1906-08, 1913-15.

PICHAN, CHIK-TAM.

PART OF SHEET No. N. K-46

(CARTE INTERNATIONALE DU MONDE)

SERIAL No. 31



Scale 1:500,000 or 1:101,400 inches to 8 Miles

Published under the direction of Colonel C. H. D. Rymer, C.I.E., D.S.O., R.E., Surveyor General of India, 1920

Index to localities

Index to adjoining sheets

Spring, Well, Kariz

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, sacred tomb

Fort: ancient, recent, Mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, ruined; tumulus mound (Scapa)

Ancient site; watch-tower, Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yaku Khan in 1913-15

Camps of Sir A. Stein and Alfr. Gu. in 1913-15

Camps of R. B. Lal Singh in 1913-15



EXPLANATION OF SOME TURKIC AND CHINESE TERMS					
Buqai	Spring	Kul, Kul	Lake	Pao-tu, Pu-tu	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stones or gravel
Darya	River	Kumush	Road	Shan (Chin.)	Mountain
Dawar	Pass	Kurgan	Tower	Ts-fan (Chin.)	Pass
Ding	Hill	Langer, Ln.	Rest house	Tagh	Mountain
Ha (Chin.)	River	Marir, Mr.	Saint's tomb	Taghra	Poplar
Yiak, I	Valley	Ming (Chin.)	Temple	Ustang	Camel
Kasaul	Watch station	Oghil	Shooting advice	Yaliak, Yallagh	Grazing ground

Streams etc. which generally contain water are shown in blue

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-46
(CARTE INTERNATIONALE DU MONDE)

ANCIENT LOP LAKE BED

SERIAL No. 32



Latitude 80° 0' 0" N. Longitude 80° 0' 0" E.

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Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

Index to localities

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Published under the direction of Colonel Sir S. B. Burdett, K.C.S.I., R.E., F.R.S., Surveyor General of India.

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kiu	Lean	Pan-tzu, Pu-tzu	Walled village
Chap	Hill stream	Ram	Sand	Sal	Desert of stone or gravel
Darya	River	Kumuk	Moat	Shak (Chin.)	Mountain
Dowab	Pass	Kurgan	Tower	Ta-ho (Chin.)	Pass
Dung	Hill	Lungku, Lu	Flat land	Tagh	Mountain
Ho (Chin.)	River	Mash, Mr.	Sand's tomb	Taghak	Pass
Jilin, I	Valley	Ming (Chin.)	Quang	Quang	Canal
Karaul	Watch station	Qing	Shanghai station	Taiwan, Taiwan	Grazing ground

Streets etc. which formerly existed and are now lost

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Index to adjoining sheets

Spring Well, Karaz

Main road.

Other roads and paths with pass

Telegraph line

Temples, Muhammadan shrine, Sacred tomb

Fort, ancient, recent Mine

Temporarily occupied hut

Frontier wall, ancient, recent

Walled town; extant; ruined; Ruined mound (Stupa)

Ancient site; watch-tower, Cairn

Route with camp, 1909-01

Route with camp, 1909-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Alfred Gull in 1913-15

Camps of R. B. L. Singh in 1913-15

Camps of R. B. L. Singh in 1913-15

Camps of R. B. L. Singh in 1913-15

Camps of R. B. L. Singh in 1913-15

Camps of R. B. L. Singh in 1913-15

Camps of R. B. L. Singh in 1913-15

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15

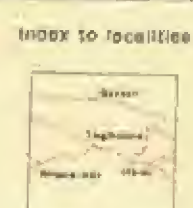
PART OF SHEET No. N. K-46
(CARTE INTERNATIONALE DU MONDE)

BARKUL, HAMI.

SERIAL No. 34



Latitude 51° Azimuth 51° Triangulation 51°
Heights by theodolite, by aneroid, by barometer, or by aneroid
Perpetual snow (approximate)
Drift sand area
Erosion terraces: Meas. Yüdsang
Hard salt crust
Hard salt encrusted clay
Soft salt encrusted clay
Cultivation unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub: living; dead
Bandy tract with scrub or jungle
Tamarisk: living; dead
Wild poplars (Togliraks): living; dead
Tamarisks: living; dead; Cedars



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1910.

Scale 1:500,000 or 1:614 inches to 8 Miles

1910.

1910.

1910.

1910.

1910.

1910.

1910.

1910.

1910.

1910.

1910.

1910.

1910.

1910.

1910.

1910.

Index to adjoining sheets: Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort: ancient, recent, Mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, ruined, Ruined mound (Stupa)

Ancient site: watch-tower, Cairn

Route with camp, 1900-01

Route with camp, 1909-08

Route with camp, 1913-15

Camps of Sir A. Stein and Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Mr. G. L. Hing in 1913-15

Camps of R. B. Lal Hing in 1913-15

Camps of R. B. Lal Hing in 1913-15

Camps of R. B. Lal Hing in 1913-15

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kot, Kot	Lake	P'ian-tzu, Pu-tzu	Walled village
Chap	Hill stream	Kum	Sand	Sai	Quarry of stone or gravel
Darya	River	Kumuk	Roads	Shan (Chin.)	Mountain
Dawin	Pass	Kunghar	Toler	Tu-fu (Chin.)	Pass
Dang	Hill	Langer, Li	Real house	Tagh	Mountain
He (Chin.)	River	Mazir, Ma	Saint's tomb	Toghruk	Postar
Jiga, J.	Valley	Nias (Chin.)	Temple	Usiang	Canal
Karail	Watch station	Qchil	Shepherd station	Talish, Taligh	Grazing ground

Streams etc., which generally contain water are shown in blue

Printed by the Survey of India, at the Survey of India Press, Calcutta.

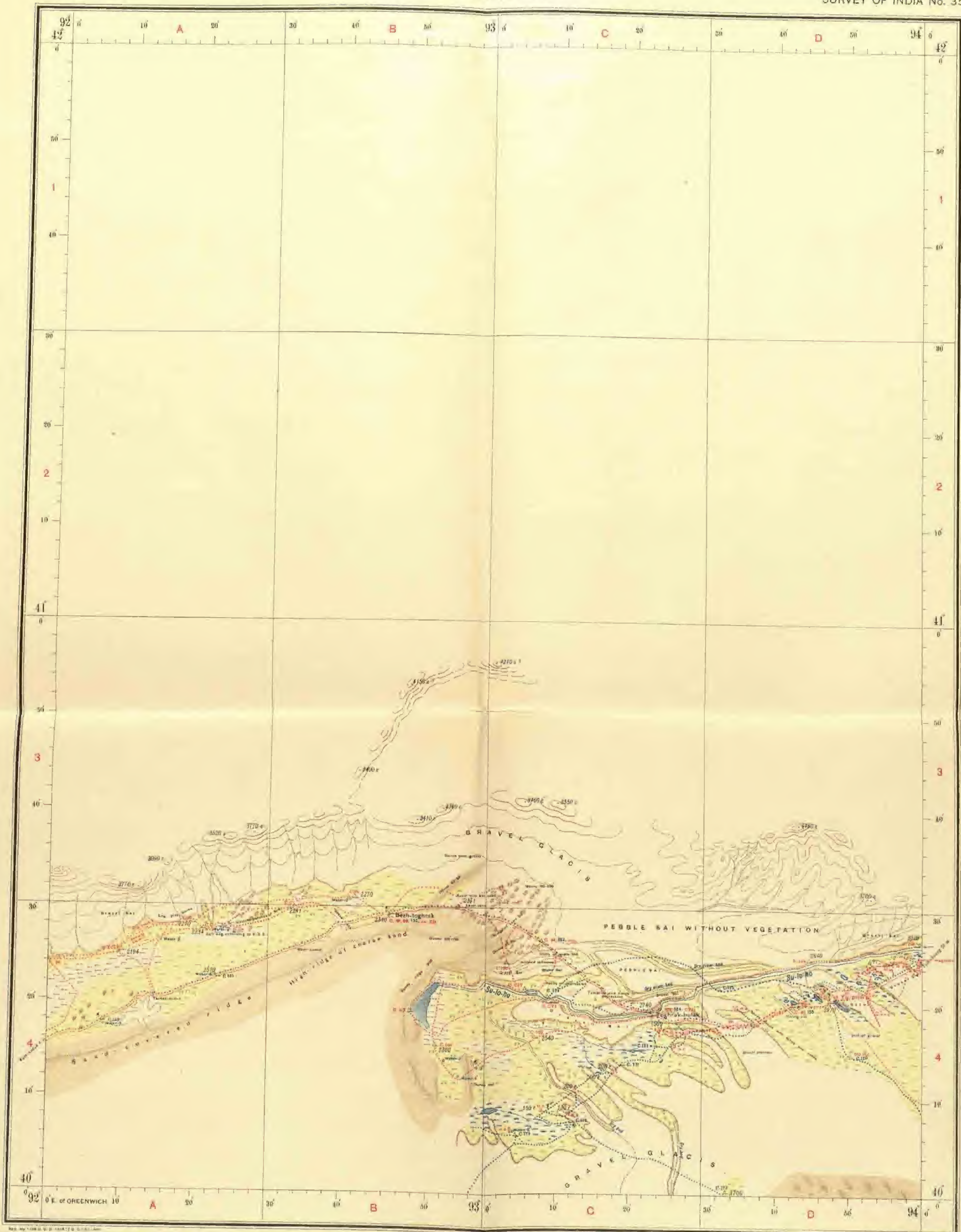
CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-46
(CARTE INTERNATIONALE DU MONDE)

SU-LO-HO DELTA.

SURVEY OF INDIA No. 35



Latitude S.D. Azimuth S.D. Triangulation S.D.
Height by theodolite by clinometer . 12777 . 12770 c
Height by barometer or hypsometer . 12770
Perpetual snow (approximate)
Drift sand area
Erosion terraces. Mesa; Yardang
Hard salt crust
Hard salt encrusted clay
Soft salt encrusted clay
Cultivation unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub; living; dead
Sandy tract with scrub or jungle
Tamarisk cones; living; dead
Wild poplars (Tograks); living; dead
Tamarisks; living; dead; (Zanthox)

Index to localities



Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., O.B., Surveyor-General of India.

Scale 1: 500,000 or 1:1,014 inches to 8 miles

EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Balak	Spring	Kol, Kol	Lake	Plau-ja, Pa-tai	Walled village
Chao	Hill stream	Rum	Sand	Shan (Chin.)	Desert dunes or gravel
Darya	River	Kumish	Roads	Shan (Chin.)	Mountain
Dzaku	Poss	Karghan	Town	Ta-han (Chin.)	Pass
Dong	Hill	Langer, Lo	Post house	Yash	Mountain
Ho (Chin.)	River	Mazar, Mi	Salt's pond	Toghrak	Poplar
Jige, J	Valley	Miao (Chin.)	Temple	Ushag	Canal
Kurau	Watch station	Oghit	Shepherd station	Yaksh, Yalish	Grazing ground

Streams etc. which generally contain water are shown in blue.

Index to adjoining sheets



Spring, Well, Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Mohammedan shrine, Sacred tomb
Fort; ancient; recent
Temporarily occupied hut
Frontier wall; ancient; recent
Walled tower; extant; ruined. Ruined mound (Stupa)
Ancient site; watch-tower. Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Md. Yakub Khan in 1913-15.
Camps of Sir A. Stein and Archa Gul in 1913-15.
Camps of R. B. Lal Singh in 1913-15

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 80 N. W.

KHANAMBAL (ANAMBAR)

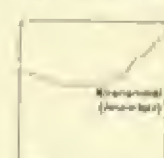
SERIAL No. 36



Index to localities

Latitude 50° Azimuth 60° Triangulation 50°	5	5
Heights by theodolite, by aneroid	15277	12390
Heights by aneroid or hypsometer	12770	
Perpetual snow (approximate)		
Drift-sand area		
Erosion terraces: Mess, Yandang		
Hard salt crust		
Hard salt-encrusted clay		
Soft salt-encrusted clay		
Cultivation unsurveyed		
Edges of cultivation, etc., where surveyed		
Reeds or low scrub (living; dead)		
Sandy tract with scrub or jungle		
Tamarisk bushes: living; dead		
Wild boars (Toghraks): living; dead		
Tamarisks: living; dead. Coiffers		

Index to localities



Published under the direction of Colonel Sir S. G. Barrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1918.

Scale 1: 500,000 or 1-014 inches to 1 mile

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kot	Lake	P'ao-t'zu, P'ao-tzu	Walled village (Chin.)
Chao	Hill stream	Kum	Sand	Sai	Desert of dunes or gravel
Darya	River	Kumuk	Shady	Shan (Chin.)	Mountain
Dawar	Pass	Kurghan	Tower	Ta-tun (Chin.)	Pass
Dong	Hill	Lamgar, Lz.	Roof house	Tagh	Mountain
Ho (Chin.)	River	Mazar, Mr	Saint's tomb	Toghrak	Poplar
Jige, J.	Valley	Miao (Chin.)	Temple	Ulung	Canal
Kareul	Watch station	Qghil	Shepherd's station	Yalik, Yalikh	Grazing ground

Streams etc., which generally contain water are shown in blue

Index to adjoining sheets



Index to adjoining sheets

Spring Well, Karez	
Main road	
Other roads and paths with pass	
Telegraph line	
Temple, Muhammadan shrine, Sacred tomb	
Fort: ancient; recent	
Temporarily occupied hut	
Frontier wall: ancient; recent	
Walled town: extant; ruined, Ruined mound (Stupa)	
Ancient site: watch-tower, Cairn	
Route with camp, 1900-01	
Route with camp, 1906-08	
Route with camp, 1913-15	
Camps of Sir A. Stein and Mr. Yankin-Khon in 1913-15	
Camps of Sir A. Stein and Mr. Yankin-Khon in 1913-15	
Camps of R. B. L. Singh in 1913-15	

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-46

(CARTE INTERNATIONALE DU MONDE)

KARLIK-TAGH

SERIAL No. 37



Latitude 44° 0' 10' 20' 30' 40' 50' 60' 70' 80' 90' 100' 110' 120' 130' 140' 150' 160' 170' 180' 190' 200' 210' 220' 230' 240' 250' 260' 270' 280' 290' 300' 310' 320' 330' 340' 350' 360' 370' 380' 390' 400' 410' 420' 430' 440' 450' 460' 470' 480' 490' 500' 510' 520' 530' 540' 550' 560' 570' 580' 590' 600' 610' 620' 630' 640' 650' 660' 670' 680' 690' 700' 710' 720' 730' 740' 750' 760' 770' 780' 790' 800' 810' 820' 830' 840' 850' 860' 870' 880' 890' 900' 910' 920' 930' 940' 950' 960' 970' 980' 990' 1000'

Longitude 94° 0' 10' 20' 30' 40' 50' 60' 70' 80' 90' 100' 110' 120' 130' 140' 150' 160' 170' 180' 190' 200' 210' 220' 230' 240' 250' 260' 270' 280' 290' 300' 310' 320' 330' 340' 350' 360' 370' 380' 390' 400' 410' 420' 430' 440' 450' 460' 470' 480' 490' 500' 510' 520' 530' 540' 550' 560' 570' 580' 590' 600' 610' 620' 630' 640' 650' 660' 670' 680' 690' 700' 710' 720' 730' 740' 750' 760' 770' 780' 790' 800' 810' 820' 830' 840' 850' 860' 870' 880' 890' 900' 910' 920' 930' 940' 950' 960' 970' 980' 990' 1000'

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Scale 1:500,000 or 1:1014 inches to 8 miles

Index to localities

Index to adjoining sheets

Heights by theodolite by aneroid

Heights by aneroid or hypsometer

Perpetual snow (approximate)

Drift sand areas

Erosion terraces: Mass; Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk: living; dead

Wild poplars (Toghra): living; dead

Tamarisks: living; dead. Conifers

EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Bulak	Spring	Kul, Kor	Lake	P'an-tso, Pu-tzu	Walled village
Chap	River stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumay	Reeds	Shan (Chin.)	Mountain
Dewan	Pass	Kurgan	Tower	Fa-tan (Chin.)	Pass
Dong	Hill	Langer, Lr	Best house	Tagh	Mountain
He (Chin.)	River	Mazar, Mr	Saint's tomb	Toghra	Pass
Jing, J	Valley	Miao (Chin.)	Temple	Usting	Canal
Kasul	Watch station	Qghu	Shepherd station	Talish, Tal'igh	Grazing ground

Streams etc. which generally contain water are shown in blue

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple: Muhammadan shrine: Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town; walled ruins: Ruined mound (Stupa)

Ancient site, watch-tower, Cairn

Route with camp, 1900-01

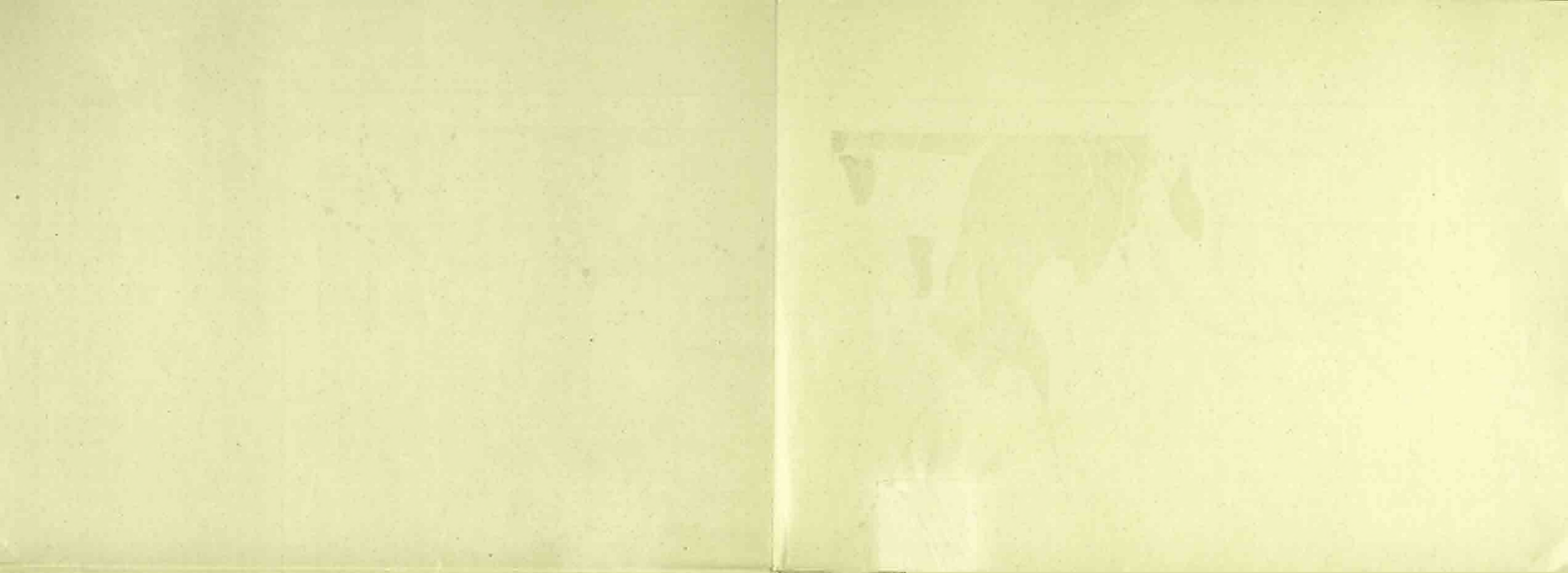
Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Alfred Gull in 1913-15

Camps of R. B. Lal Singh in 1913-15



CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

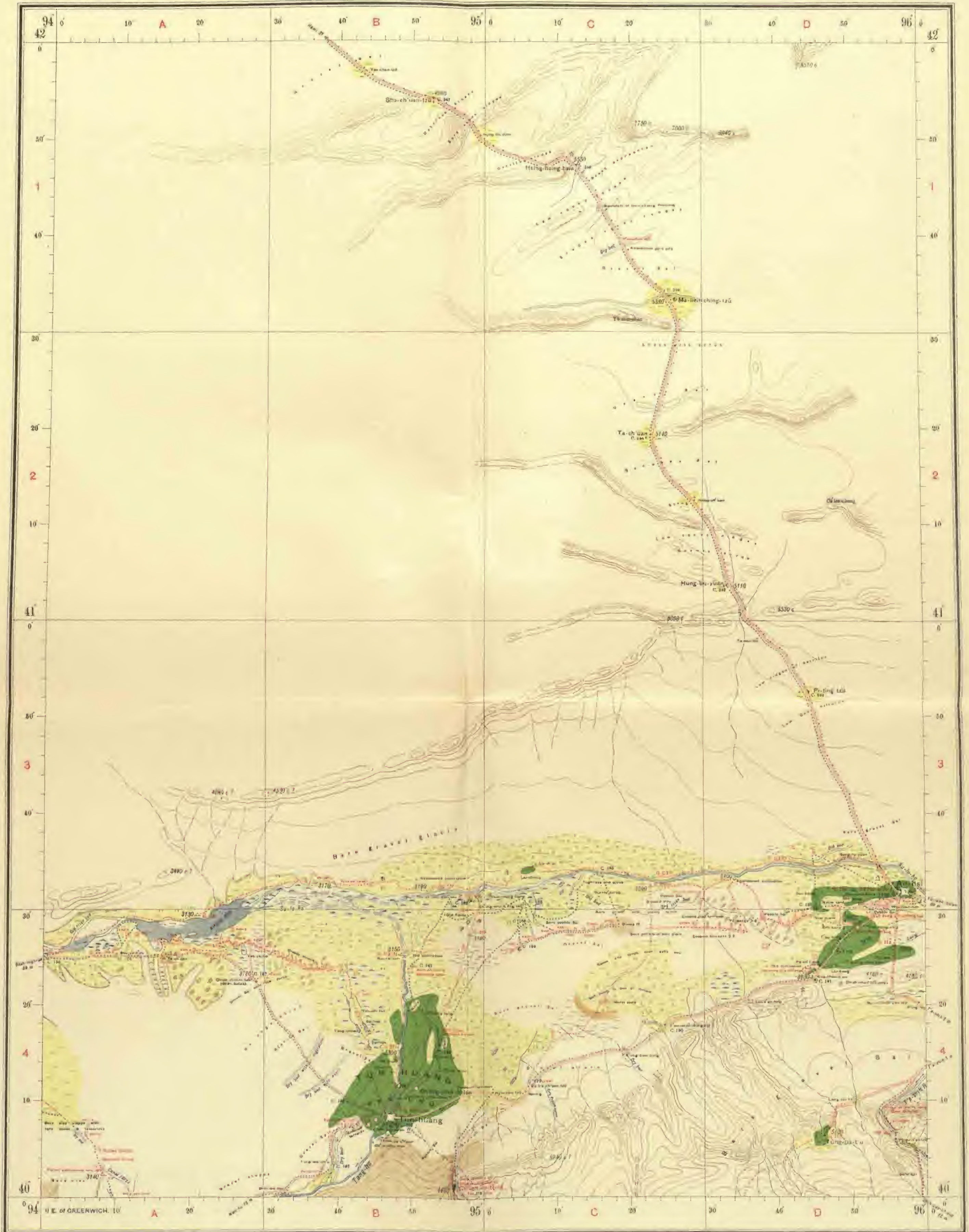
1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-46

(CARTE INTERNATIONALE DU MONDE)

TUN-HUANG, AN-HSI.

SURVEY OF INDIA No. 38



Latitude 31° 45' 1914-15, 1915-16

Latitude 31° 45' 1914-15, 1915-16

Height: by theodolite, by aneroid

Height: by aneroid or hypsometer

Perpetual snow (approximate)

Drift sand, area

Eruption terrace, Meis Yaband

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living, dead

Sandy tract with scrub or jungle

Tamarisk cones: living, dead

Wild poplars (Tognakia): living, dead

Tamarisks: living, dead

Index to localities

Index to adjoining sheets

Scale 1: 500,000 or 1: 614 inches to 1 mile

EXPLANATION OF SOME TURK AND CHINESE TERMS

Bulak	Spring	Kul, Koi	Well	Pan-lu, Pu-tzu	Walled village
Chap	Mountain	Xun	Sand	Shi...	Barren of trees or grass
Darya	River	Kunshu	Rocky	Shan (Chin.)	Mountain
Dawen	Pass	Kushin	Tower	Ts-shan (Chin.)	Pass
Dong	Hill	Lung-shan	Red house	Ts-shan	Mountain
Hs-chin	River	Mau-shan	Sand	Ts-shan	Mountain
Jing	Valley	Mau-chin	Sand	Ts-shan	Mountain
Kashan	Watch tower	Opin	Sand	Ts-shan	Mountain

Along the which ...

Index to adjoining sheets

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, sacred tomb

Fort, ancient, recent, mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: ancient, modern, ruined mound (Shan)

Ancient site, watch-tower, cairn

House with camp, 1900-01

House with camp, 1906-08

House with camp, 1913-15

Camps of Sir A. Stein and Mr. Takub Khan in 1913-15

Camps of Sir A. Stein and Mr. Takub Khan in 1913-15

Camps of Sir A. Stein and Mr. Takub Khan in 1913-15

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

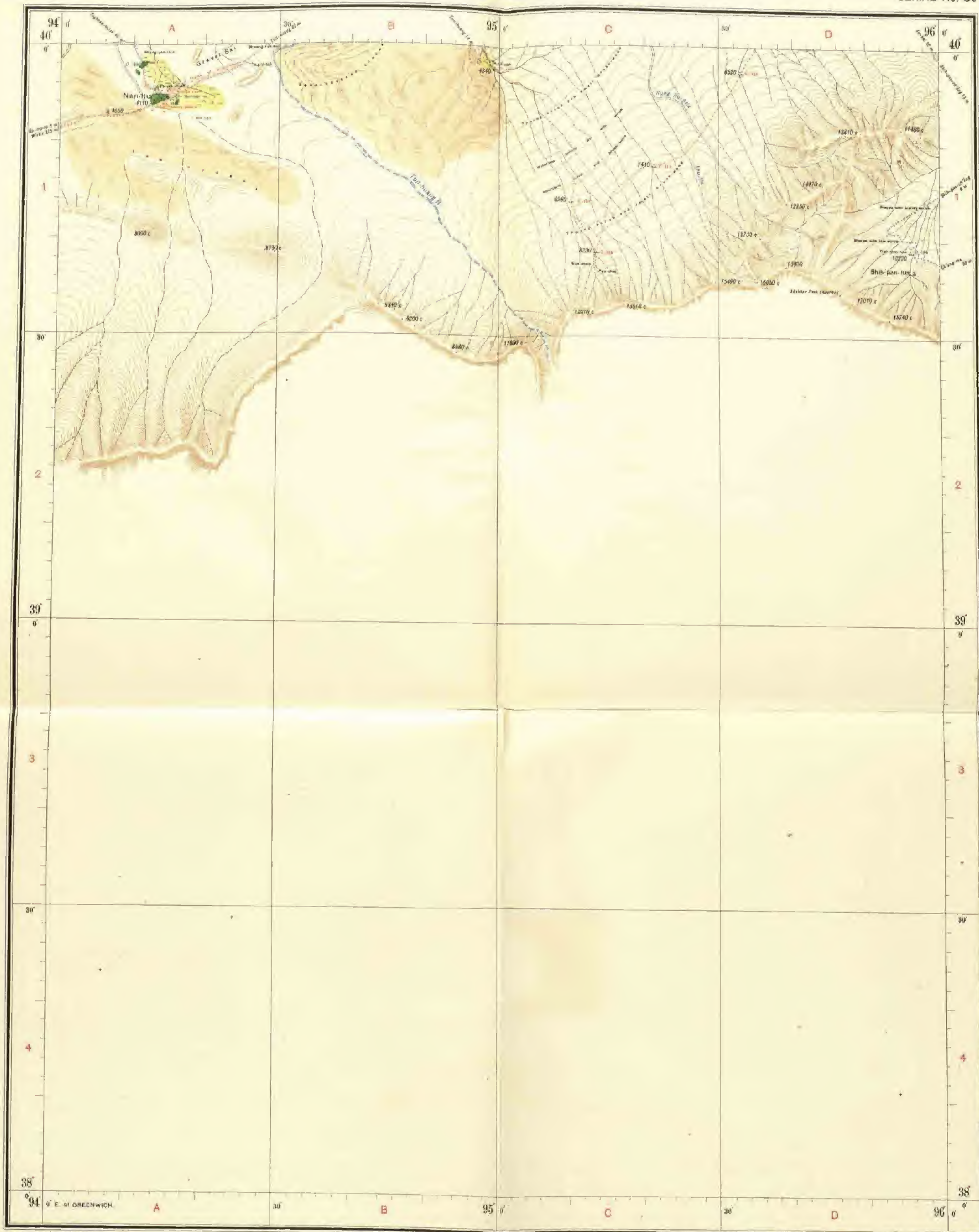
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 80 N. E.

NAN-HU

SERIAL No. 39



Scale 1: 500,000 or 1: 1014 inches to 8 miles

Index to localities

Index to adjoining sheets

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort, ancient; recent Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined, Ruined mound (Stupa)

Ancient site; watch-tower, Cañon

Route with camp, 1900-01

Route with camp, 1906-08

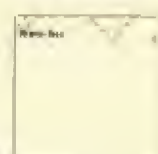
Route with camp, 1913-15

Camps of Sir A. Stein & Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Alfred Gyl in 1913-15

Camps of R. B. Lal Singh in 1913-15

Index to localities



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Scale 1: 500,000 or 1: 1014 inches to 8 miles

Index to adjoining sheets

EXPLANATION OF SOME TURKI AND CHINESE TERMS

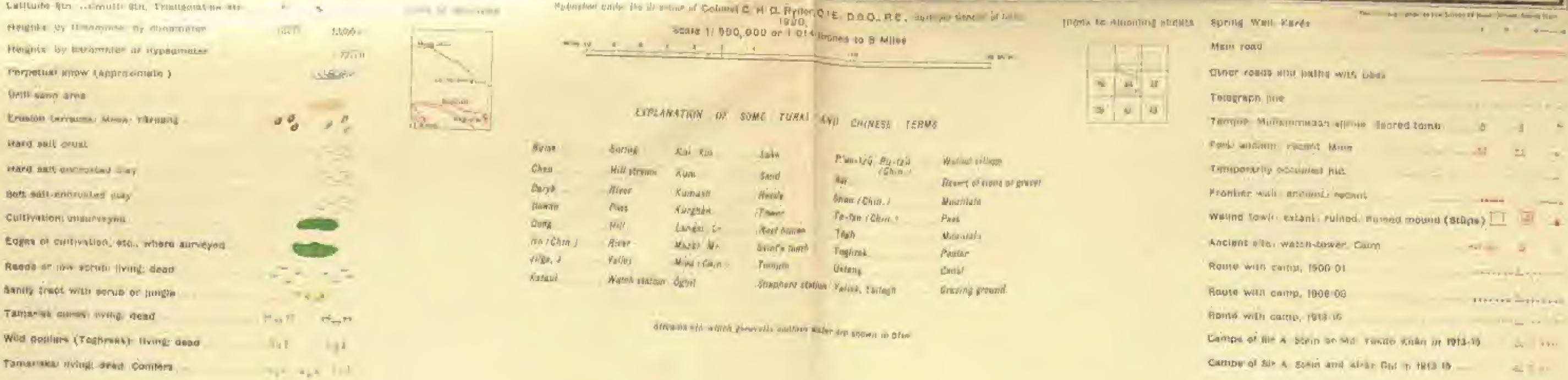
Bulak, Spring	Kul, Lake	P'ao-tzu, Pu-tzu, Walled village
Chop, Hill stream	Kum, Sand	Sar, Desert of stone or gravel
Daryl, River	Kumush, Roads	Shan (Chin.), Mountains
Dawān, Pass	Kurghān, Tumbar	Ta-tun (Chin.), Pass
Dong, Hill	Lankar, Lc. Reed house	Ts'ing, Mountain
He (Chin.), River	Mauār, M. Salt's home	Toghak, Poplar
Higā, Valley	Miao (Chin.), Temple	Ts'ung, Canal
Kural, Watch station	Qghil, Shepherds station	Falak, Trough
		Grazing ground

Streets etc. which generally contain water are shown in blue

1900-01, 1905-08, 1913-16.

YÜ-MÊN-HSIEN

SERIAL No. 40



SERIAL No. 40

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 89 N.W.

CHANG-MA

SERIAL No. 41



Latitude Stn. Azimuth Stn. Triangulation Stn.

Height by aneroid by aneroid 13277 13277

Height by aneroid by aneroid 13277 13277

Perpetual snow (approximate)

Drift sand area

Erosion terraces, Mosa, Yardeni

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation (irrigated)

Edge of cultivation, etc., where surveyed

Remains of the former living, dead

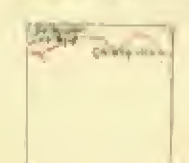
Sandy tract with some or jungle

Tamarix-forest, living, dead

Wild poplars (Togianka), living, dead

Tamarix living, dead, Callerya

Index to localities



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Scale 1: 500,000 or 1 1/4 inches to 3 Miles

Map No. 89 N.W.

EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Qul	Spring	Kul	Sea	P'ia-lia, P'u-lia	Walled village
Chap	Hot stream	Qan	Sea	Shan (Chin.)	Count of stone or great
Derfa	River	Karakhan	Roads	Ys-ku (Chin.)	Pass
Bawan	Pass	Karakhan	Pass	Ys-ku (Chin.)	Pass
Dang	Hill	Ling-shi	Red house	Tai	Mountain
Na (Chin.)	River	Mazan, Ma	Spent camp	Tai	Pass
Jiga, J	Valley	Miao (Chin.)	Troops	Chang	Canal
Karek	Watch station	Qan	Shrine or altar	Tai, Tai	Gravel ground

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets



Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Shinto tomb

Fort: ancient, recent, mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: ancient, recent, ruined mound (Stupa)

Ancient altar, water-blower, cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein and Mr. Yeung Khan in 1913-15

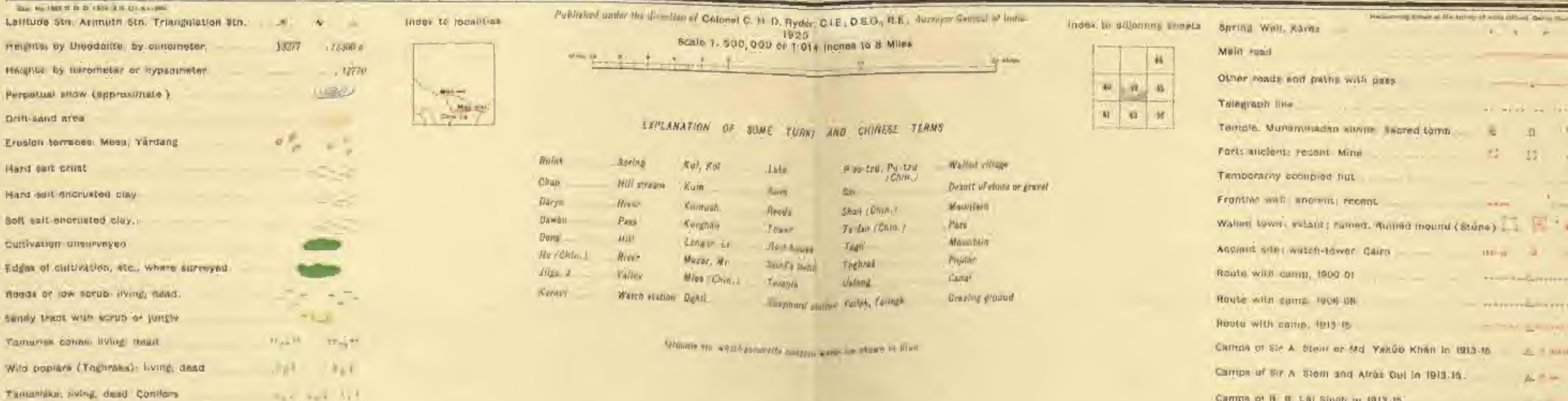
Camps of Sir A. Stein and André Gail in 1913-15

Camps of R. B. L. Singh in 1913-15

1900-01, 1906-08, 1913-15.

CHIN-T'AI

SERIAL No. 42



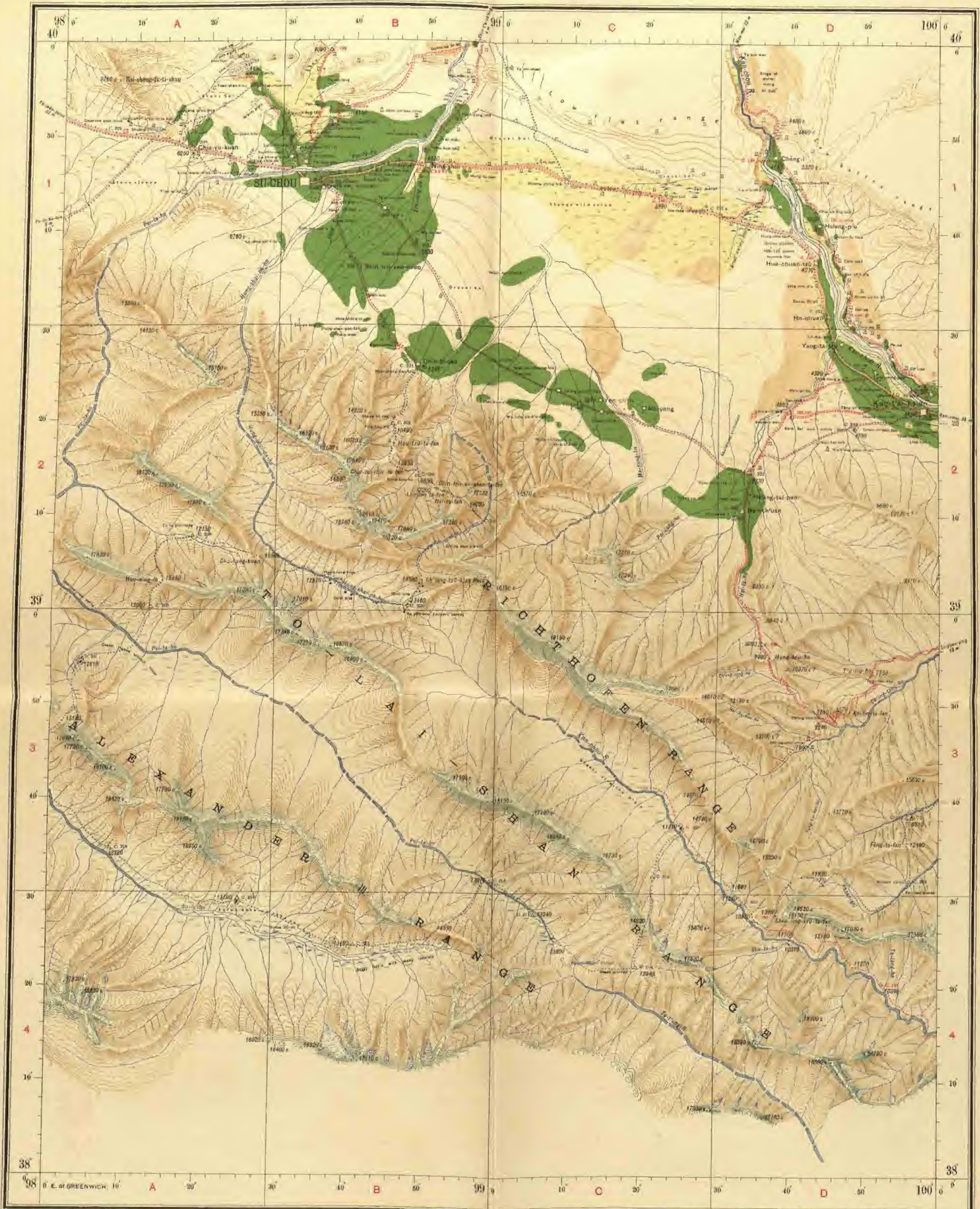
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CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 89 N.E.

SU-CHOU

SERIAL No. 43



Latitude Sin. Azimuth Sin. Triangulation Sta. ...
Height: by theodolite; by clinometer ...
Height: by barometer or hypsometer ...
Perpetual snow (approximate) ...
Drift-sand area ...
Erosion terraces: Mesa; Yardang ...
Hard salt crust ...
Hard salt-morass clay ...
Soft salt-encrusted clay ...
Cultivation: unwatered ...
Edges of cultivation: etc. where surveyed ...
Reeds or low scrub: living; dead ...
Sandy tract with scrub or jungle ...
Tamarisk: coarse living; dead ...
Wild poplars (Tortulka): living; dead ...
Tamarisks: living; dead. Cottlers

Index to localities



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Scale 1: 500,000 or 1:914 inches to 3 miles

1922

Index to adjoining sheets

EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Boiuk	Spring	Kul, Kzi	Lake	Pan-tzu, Pu-tzu	Walled village
Chai	Hill stream	Kum	Sand	Sai	Desert of shams or gravel
Garya	River	Kumuk	Reeds	Shan (Chai)	Mountain
Dawan	Pass	Kungshu	Tower	Tu-shi (Chai)	Pass
Gang	Hill	Ling-shi	Fort	Tu-shi (Chai)	Mountain
Hu (Chai)	River	Mu-shi	Fort	Tu-shi (Chai)	Mountain
Jupa, J.	Yates	Mu-shi	Fort	Tu-shi (Chai)	Mountain
Kanpu	Walled station	Qigil	Shanghai station	Yates, Yates	Grading ground

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets



Spring, Well, Karez ...
Main road ...
Other roads and paths with pass ...
Telegraph line ...
Temple, Muhammadan shrine, sacred tomb ...
Fort: ancient; recent. Mine ...
Temporarily occupied hut ...
Frontier wall: ancient; recent ...
Walled town: ancient; ruined. Ruined mound (Stupa) ...
Ancient site, walled-town. Cairn ...
Route with camp, 1900-01 ...
Route with camp, 1906-08 ...
Route with camp, 1913-15 ...
Camps of Sir A. Stein or Md. Yarkub Khan in 1913-15 ...
Camps of Sir A. Stein and Afras-Qui in 1913-15 ...
Camps of R. B. La Singh in 1913-15

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1900-01, 1906-08, 1913-15

ETSIN-GOL DELTA

SERIAL No. 44

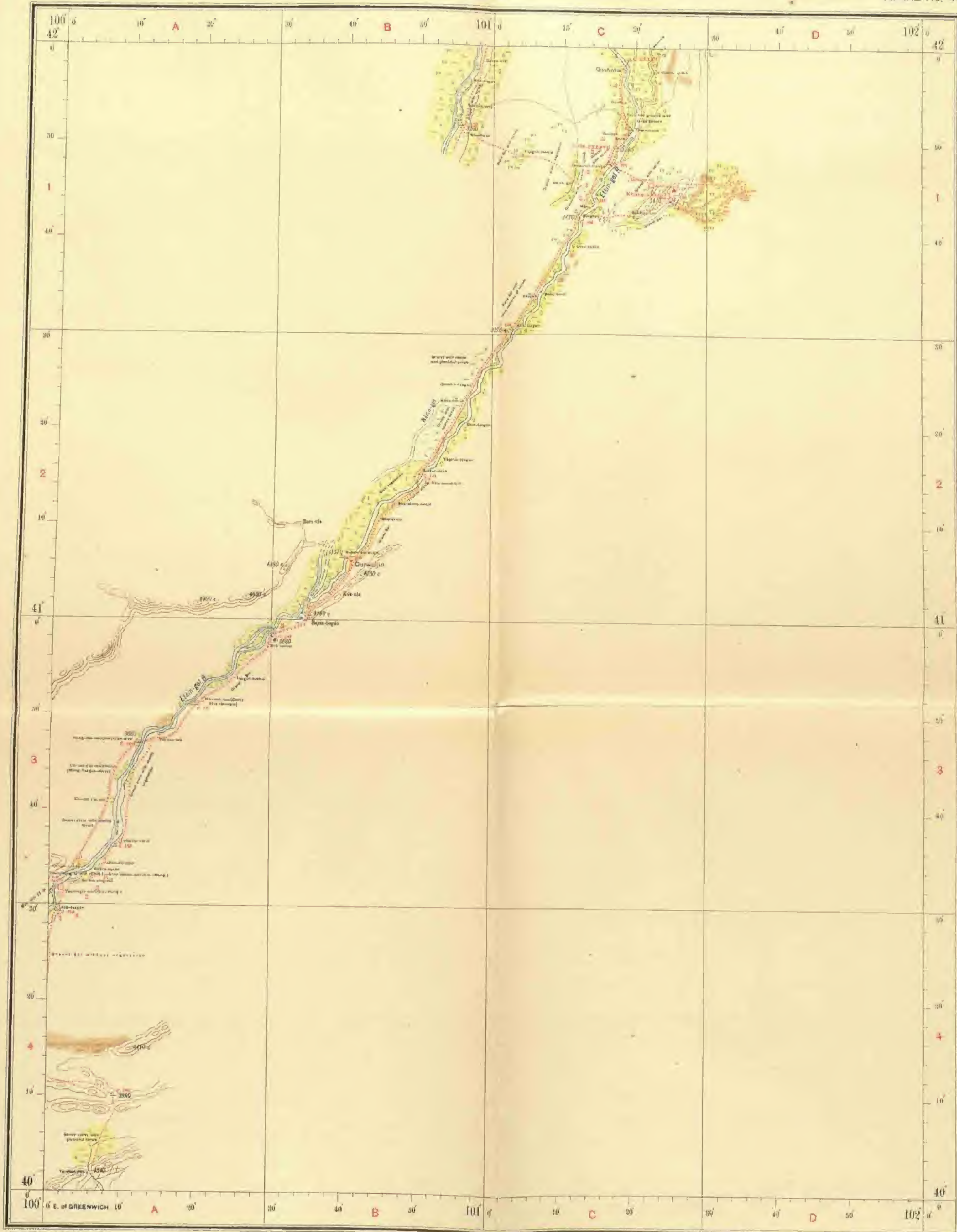


CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

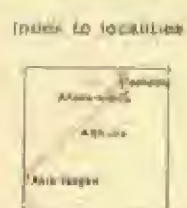
PART OF SHEET No. N. K-47
(CARTE INTERNATIONALE DU MONDE)

ETSIN-GOL

SERIAL No. 45



Latitude 5th Azimuth 5th. Triangulation 5th.
Heights by theodolite, by aneroid, by barometer or hypsometer.
Perpetual snow (approximate).
Drift-sand area.
Erosion terraces: Mesa, Yüehang.
Hard salt crust.
Hard salt-encrusted clay.
Soft salt-encrusted clay.
Cultivation: unsurveyed.
Edges of cultivation, etc., where surveyed.
Reeds or low scrub: living, dead.
Sandy grass with scrub or jungle.
Tamarisk bushes: living, dead.
Wild poplars (Teghraks): living, dead.
Tamarisks: living, dead. Conifers.



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Scale 1:500,000 or 1:514 inches to 8 miles.
1920

EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Bulak	Spring	Kul, Kal	Lake	Pao-tzu, Pa-tzu (Chin.)	Walled village
Chao	Hill stream	Kum	Desert	Sai	Desert of sand or gravel
Dary	River	Kumash	Road	Shan (Chin.)	Mountain
Dawan	Pass	Kurgan	Tower	Ta-fu (Chin.)	Pass
Dong	Hill	Langer, Li	Hot place	Tai	Mountain
Ho (Chin.)	River	Mazar, M.	Santa tomb	Toghan	Poplar
Hig, J.	Valley	Miao (Chin.)	Temple	Ustang	Desert
Karai	Walled station	Ughit	Shepherd station	Yakul, Yalagh	Grazing ground

Streams etc. which generally discharge water are shown in blue



Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort: ancient, recent, Mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extent, ruined, Ruined mound (Gönya)

Altiplan site: watch-tower, Gann

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Alfred G. in 1913-15

Camps of H. B. Lal Singh in 1913-15

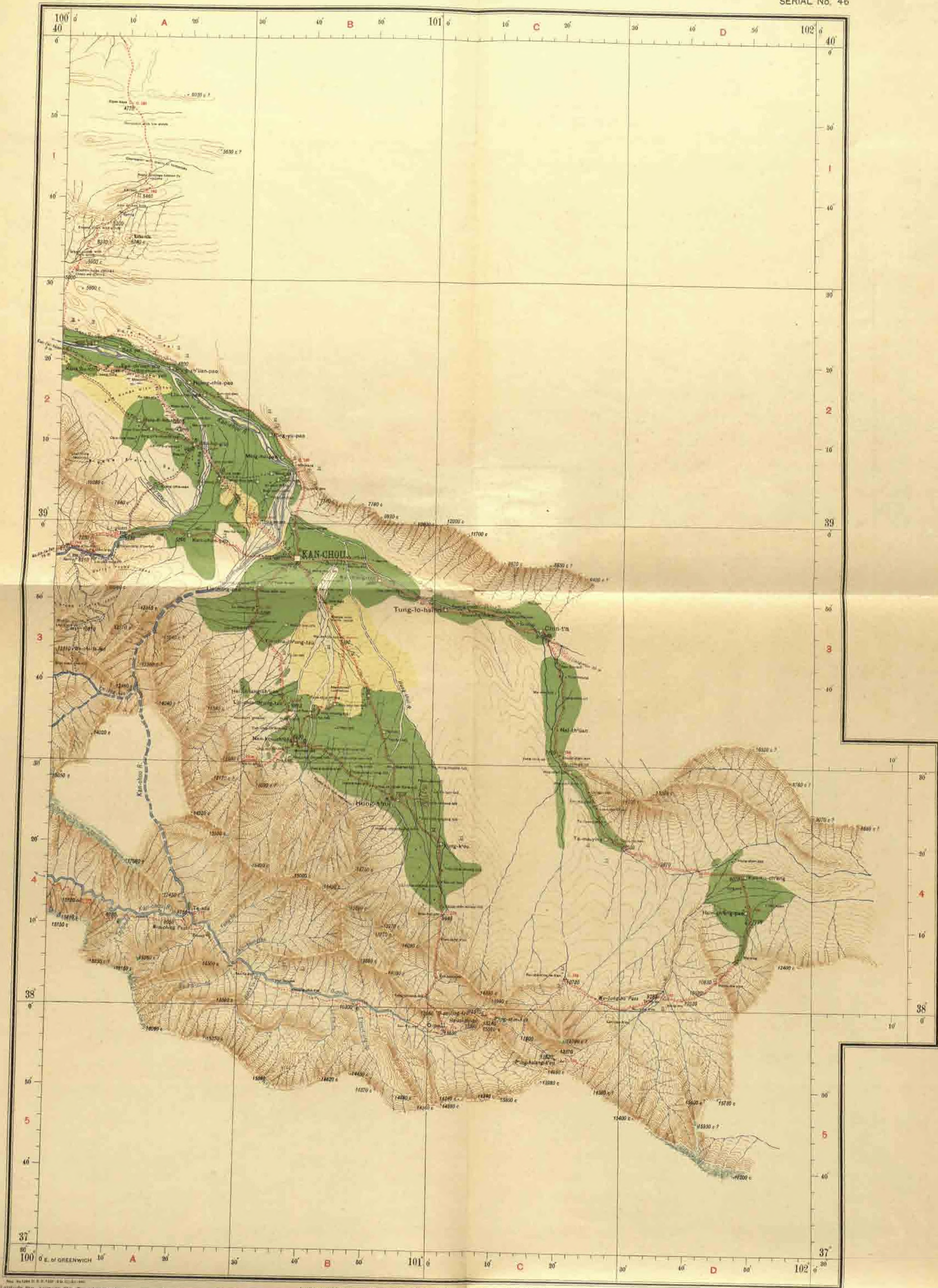


CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 98 N.W. & S.W.

KAN-CHOU

SERIAL No. 46



Heights by theodolite, or aneroidometer
13271 13270
13270
Perpetual snow (approximate)
Drift-sand area
Erosion terraces: Mesa; Yü-dang
Hard salt crust
Hard salt-encrusted clay
Soft salt-encrusted clay
Cultivation unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub living; dead
Sandy tract with reeds or jungle
Tamarisk cones: living; dead
Wild poplars (Populus): living; dead
Tamarisks: living; dead; Conifers

Index to localities



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Scale 1:500,000 or 1:101 inches to 5 miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul; Kùl	Lake	P'ao-tzu, P'ao-tzu	Walled village
Chao	Hill stream	Kum	Sand	Sai	Desert of stony or gravel
Daryk	River	Kumuk	Reeds	Shan (Chin.)	Mountain
Gashan	Pass	Kurgan	Tower	Ta-fun (Chin.)	Pass
Dang	Hill	Langer, L.	Rest house	Tagh	Mountain
Ho (Chin.)	River	Mazar, M.	Saint's tomb	Taghral	Poplar
Jilga, J.	Valley	Miao (Chin.)	Temple	Utang	Canal
Karakul	Watch station	Ughit	Shepherd station	Pallak, Pallag	Grazing ground

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets



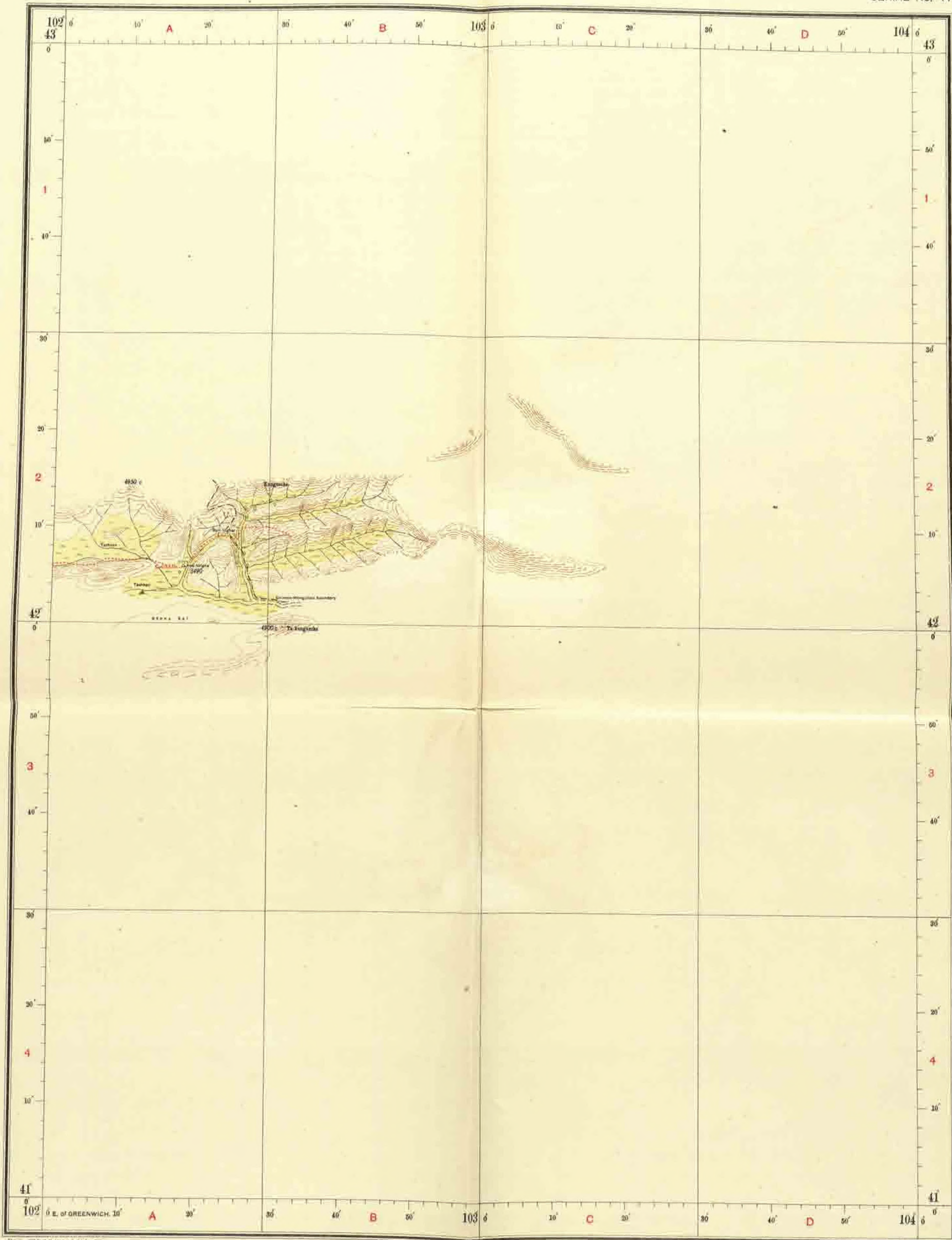
Spring, Well, Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, Sacred tomb
Fort, ancient; recent. Mine
Temporarily occupied hut
Frontier wall: ancient; recent
Walled town: extant; ruined. Ruined mound (Stupa)
Ancient site; watch-tower. Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein and Abd. Khalil in 1913-15
Camps of Sir A. Stein and Abd. Khalil in 1913-15
Camps of R. B. Lal Singh in 1913-15

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-48
(CARTE INTERNATIONALE DU MONDE)

KUNGURCHE

SERIAL No. 47



Pub. No. 1000 (S. 2. 25. 1913) (S. 2. 25. 1913)

Latitude Stn. Astron. Stn. Triangulation Stn.

Heights: by theodolite; by clinometer 13277 12300 e

Heights: by aneroid or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Meas; Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk forest: living; dead

Willow poplars (Toghrahs): living; dead

Tamarisks: living; dead. Conifers

Index to localities



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Scale 1: 500,000 or 1: 014 inches to 8 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kul	Lake	P'ao-tzu, Pu-tzu (Chin.)	Walled village
Chap	Hill stream	Kum	Sand	Sal	Desert of stone or gravel
Daryl	River	Kumush	Reeds	Shan (Chin.)	Mountain
Dawit	Pass	Kurgan	Tower	Ta-fan (Chin.)	Pass
Dong	Hill	Langer, Lz	Red house	Tagh	Mountain
Ho (Chin.)	River	Mazâr, Ma	Saint's tomb	Yaghrak	Poplar
Ilga, J	Valley	Mine (Chin.)	Temple	Ustang	Canal
Karaul	Watch station	Qghil	Shepherd station	Yalak, Yalagh	Grazing ground

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets



Spring, Well, Kârâs

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stûpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yâkûb Khân in 1913-15

Camps of Sir A. Stein and Afrâz Gul in 1913-15

Camps of H. B. Lâi Singh in 1913-15

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